

## **Manitoba Immunization Report**

# **Manitoba Immunization Monitoring System (MIMS)**

## **Annual Report 2004**

**COMMUNICABLE DISEASE CONTROL**

Communicable Disease Control Unit  
Public Health Branch  
Manitoba Health



## **Contents**

1. Overview	1
2. Description of Criteria for MIMS Annual Reports	2
3. Acknowledgements	7
<b>Childhood Vaccines:</b>	
4. Childhood Immunization Coverage Reports, January 1, 2004 – December 31, 2004:	9
4.1 Coverage by Antigen, by Patient Location	9
• Manitoba	9
• By Regional Health Authority (RHA)	10
4.2 Coverage by Patient Age	21
• By Regional Health Authority (RHA)	21
4.3 Coverage Based on Health Registration – Per cent Complete for Age	31
• Manitoba	31
• By Regional Health Authority (RHA)	31
5. Childhood Immunization Coverage Reports, Complete for Age Based on Health Registration – Summary: 2002, 2003, 2004	35
6. Childhood Vaccine Doses Administered, by Provider Type, by Provider Location	39
• Manitoba	39
• By Regional Health Authority (RHA)	39
<b>Influenza and Pneumococcal Vaccines:</b>	
7. Influenza/Pneumococcal Immunization Coverage Reports, January 1, 2004 – December 31, 2004	45
7.1 By Patient Location	45
• Manitoba	45
• By Regional Health Authority (RHA)	45
8. Influenza Vaccine Doses Administered, by Provider Type	49
• Manitoba	49
• By Regional Health Authority (RHA)	50
9. Pneumococcal Vaccine Doses Administered, by Provider Type	57
• Manitoba	57
• By Regional Health Authority (RHA)	58



## **1. Overview**

Data in this report are from the Manitoba Immunization Monitoring System (MIMS). These data reflect immunization service dates up to and including December 31, 2004 and entered into MIMS by April 4, 2005. Immunization records are derived from physician billing claims and from manual entry of public health provided immunizations. New in this report, Section 5, presents summary childhood immunization coverage (complete for age) for the years 2002, 2003 and 2004.

As per other MIMS annual reports, the following criteria are incorporated into the data analysis:

1. Immunization service dates are based on the calendar year January 1, 2004 – December 31, 2004, rather than the fiscal year.
2. Coverage rates by age reflect a client's status on his/her birthday.
3. Coverage reports reflect doses a client has received from birth until his/her selected birthday. For example, coverage at age two selects all children who turn two in the calendar year and assesses these children for recommended vaccines on their birthdays. Doses administered to children after each of their selected birthdays will not be reflected in the coverage report, except for influenza vaccine.
4. Analysis of coverage by continuously versus non-continuously enrolled clients. A client who is considered "continuous" has been registered for Manitoba Health benefits since birth; non-continuously enrolled clients have moved to Manitoba from another jurisdiction, or if born here have moved out of Manitoba and then back again. Note: Immunization coverage reports produced by the Manitoba Centre for Health Policy include only continuously enrolled clients.
5. Complete coverage for select ages, i.e., the client has received all the recommended doses of each antigen recommended for his/her age.
6. Coverage rate by select antigen in order to assess clients who may have received vaccines not available in Manitoba: of particular importance for clients who have moved into Manitoba from another country; also important for tracking coverage rates when the combination vaccines available in Manitoba change.
7. Coverage rate by community area (for Winnipeg RHA only) or by regional health district (all other RHAs). Regional health authorities will receive these data sets for their region only.
8. First Nations and Inuit Health Branch (FNIHB) versus non-FNIHB population, with this indicator based on client self-identification at the time of enrollment for Manitoba Health benefits (A-code). FNIHB estimates that this indicator represents approximately 65 per cent of the FNIHB population. Audits indicate that gaps exist between immunizations administered to FNIHB clients (as documented on paper records) versus those data entered into MIMS. Coverage rates for FNIHB clients are therefore, in general, likely higher than those generated using MIMS data.
9. Separate dosage by provider type reports from coverage reports. These reports reflect the volume of immunizations delivered by each provider type, based on provider RHA. Their usefulness relates to evaluating staffing or projecting workload by vaccine type. The 2004 report reflects vaccines administered from January 1, 2004 – December 31, 2004 and entered into the system by April 4, 2005.

Additional details on the timing and criteria for data inclusion and exclusion are provided in "Description of Criteria for MIMS Annual Reports" (see page 3).

## **2. Description of Criteria for MIMS Annual Reports:**

### **MIMS Dataset Preparation (numerator)**

- The MIMS dataset used is a monthly snapshot of the MIMS live database provided by Manitoba Health's Information Services Branch (ISB). For annual reports, the April snapshot following the end of the calendar year is used. As the MIMS dataset is dynamic, each monthly snapshot includes all previously entered data up to the time the output dataset is created.
- The MIMS data are linked to the Manitoba Health registry to access the municipality where the patient resides. This information is used with the MIMS patient postal code to generate the patient RHA. This corresponds to the methodology used to allocate geography in the denominator dataset.
- The MIMS dataset is queried for those records with a service date prior to the end of the calendar year and where the service date is not '00000000' (i.e., unknown).
- The calendar year and report date are appended to the dataset.
- The age of the patient is calculated as of his/her birthday within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health.

### **Population Dataset (denominator)**

- The corporate Manitoba Health population dataset is used.
- The age of the individual is as of his/her birthday within the calendar year.
- The population used is based on the figure for June 1 within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- After 1995/1996, the geographical location of the individual is derived within the corporate system by ISB. It follows the same methodology as for the MIMS dataset.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health, following the same methodology as for the MIMS dataset.

**NOTE:** MIMS geography is determined as of April, following the report year; the population geography is determined as of June 1 during the report year. As a result, coverage rates are occasionally greater than 100 per cent.

## **Creation of Reports**

### **1. Reports 4.1 and 4.2 – Childhood Antigen Reports**

- The MIMS subset is queried for the following criteria:

Age => 1, 2, 7, 11, 17 (only where age equals these ages, ex: for one-year-olds MIMS is queried on the birth date of all children who turn one year of age within the calendar year).

Antigens => diphtheria, tetanus, pertussis, measles, mumps, rubella, polio, Hib, varicella, hepatitis B, influenza, MCV, PCV (all tariffs associated with the antigens, currently and historically, are included).

- Immunizations administered throughout the child's lifetime up to and including his/her birthday are kept for coverage reports.
- The data are summarized by id (scrambled PHIN), age, patient location and First Nations status, providing a count of services for each of the antigens for each individual. This allows an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age group.
- This dataset is linked to the population data for the rate calculations. Rates are calculated as follows:

$$\text{Rate}/100 = \frac{\# \text{ of individuals with complete immunization}}{\# \text{ of individuals in population of same age}} \times 100$$

Antigen-specific coverage calculations: A child must receive three doses of hepatitis B-containing vaccine to be counted in the HBV coverage data at any age. This is for "information" purposes only, as there is no provincial recommendation for HBV until grade 4.

For measles coverage: a child must receive one dose of measles-containing vaccine by age two and two doses by age seven. As the requirement for mumps and rubella-containing vaccine is one dose in a lifetime, and MMR vaccine is the common source for two doses of measles antigen, mumps and rubella coverage rates are higher than measles from age seven and up.

Hib doses are reflected in coverage for children at age one (three doses required), ages two and seven (four doses required). Hib is included for children at age 11 and 17 (four doses) for "information" only, as there is no provincial recommendation for Hib vaccine once children reach age 11. Hib is therefore not included in "complete for age" requirements for children after the age of seven (doses required = 0).

Pneumococcal conjugate vaccine coverage rate reflects children receiving *one or more doses*, as this vaccine was introduced as part of the recommended childhood schedule in September 2004, i.e., it was not available for the full calendar year.

## 2. Report 4.3 – Coverage by Registration Status

- The MIMS dataset created for the childhood coverage reports is used to perform an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- This MIMS coverage status dataset is linked to the population coverage status data for the rate calculations. Rates are calculated as follows:

$$\text{Rate}/100 = \frac{\text{\# of individuals}}{\text{\# of individuals in population of same age}} \times 100$$

Doses Required to be “Complete for Age”:

Antigen	Age				
	1	2	7	11	17
Tetanus	3	4	5	5	6
Diphtheria	3	4	5	5	6
Pertussis	3	4	5	5	5
Polio	2	3	3	3	3
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
HIB	3	4	4	0	0
HBV	0	0	0	3	0

Varicella, meningococcal conjugate and pneumococcal conjugate vaccines are not included in “complete for age” calculations for 2004, as these vaccines were not introduced into the Manitoba recommended childhood schedule until September 2004.

*NOTE:* For Childhood Antigen and Complete for Age Reports the criteria used to determine complete for age reflect the routine immunization schedule. Reports cannot accommodate clients who are “late starters” and therefore require fewer doses of specific antigens.

## 3. Report 5 – Childhood Vaccine Dosage Report

(Note: not a coverage rate report)

- The MIMS subset created for the childhood coverage reports is used, but only those immunizations that occurred within the calendar year are used.
- A query is performed for doses administered for each vaccine by provider type (physicians, Public Health and others), provider location and First Nations status of the patient.
- This report gives a count of the immunizations administered by the different types of providers.

#### **4. Report 6 – Influenza and Pneumococcal Immunization Coverage**

- The initial MIMS subset is queried for the following criteria:

tariff = Influenza – 8791, 8792, 8793, 8799  
Pneumococcal – 8961

- Age data are converted to age groups: 0 to 2 years, 3 to 17 years, 18 to 64 years, under 65, under 65 high risk, over 65 years. Where a patient was under 65 and the reason variable is 2, the patient was classified as high risk.
- For influenza, only those immunizations administered during the calendar year are used for the report.
- For pneumococcal, the data are analyzed twice. The first round includes those immunizations administered during the calendar year. The second round includes all pneumococcal immunizations recorded over time as a cumulative coverage rate.
- A query is performed by id (scrambled PHIN), age group, patient RHA, and First Nations status, providing a count of services for each of the vaccines by id.
- This dataset is linked to population data for the rate calculations. Rates are per 100 individuals. The same age groups are applied to the population data with the under 65 high-risk group defined as 11 per cent of the under 65 population.

#### **5. Reports 7 and 8 – Influenza and Pneumococcal Vaccine Doses Administered, by Provider Type**

*(Note: not a coverage rate report)*

- The MIMS subset created for the influenza/pneumococcal coverage reports is used.
- A query is performed to obtain doses administered for each vaccine by provider type (physicians, Public Health and others), reason for immunization, and First Nations status of the patient.

#### **6. List of Abbreviations**

Pop	Population
Diphth.	Diphtheria
Flu	Influenza
Tet.	Tetanus
Pert.	Pertussis
HIB	Haemophilus influenzae type b
HBV	Hepatitis B
V	Varicella
M	Meningococcal
P	Pneumococcal conjugate
DaPTP	Diphtheria, acellular pertussis, tetanus, polio
DaPTP/HIB	Diphtheria, acellular pertussis, tetanus, polio and Haemophilus influenzae type b
MMR	Measles, mumps, rubella
HEPA/B	Hepatitis A and B
TdaP	Tetanus, diphtheria, acellular pertussis



### **3. Acknowledgements:**

The 2004 MIMS Report is our third annual report produced using a standardized methodology that complies with existing national immunization coverage reporting standards. This allows for meaningful comparison of Manitoba's immunization coverage rates with other provinces/territories and to monitor our progress against national goals and objectives. At the same time, standardized methodology allows regional health authority staff to review year-to-year progress within their region and measure against provincial goals.

As always, we welcome your comments and suggestions to make future reports more informative.

Special thanks to:

Penny Klassen, Betty Miller, Dan Silaghi, Lauralea Klassen, Barbara Law, Jan Roberts, Linda Poffenroth, Randy Fransoo, Randy Walld, Michelle Long, Marilyn McIvor, Carole Beaudoin, Jason Edgerton, Kathy Mestery, Greg Hammond, and of course the dedicated MIMS data entry staff and MIMS Steering Committee members.

Tara Mawhinney, MIMS Steering Committee Chair

Program Consultant

CDC Unit, Manitoba Health



## 4. Childhood Immunization Coverage Reports, January 1, 2004 – December 31, 2004

### 4.1 Coverage by Antigen, by Patient Location

- Manitoba
- By RHA

#### Notes:

All vaccines containing each antigen were selected in this report for coverage. For example, "HBV" (hepatitis B vaccine) reflects all doses administered to clients, including those from hepatitis A/B combination vaccine (Twinrix). "Measles" reflects all doses administered to clients of any measles-containing vaccine.

Coverage is based on all doses administered to clients up to and including the selected birth date. Doses administered after the selected birth date will not be reflected in the report. However, these doses will be counted when the child reaches the next selected age milestone.

Rate per 100 children is the calculated coverage rate.

The population is selected based on the client's address, and therefore may not reflect the number of doses administered by a particular provider. For data by provider type, see section 5, "Childhood Vaccine Doses Administered by Provider Type, by Provider Location."

### Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2004

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
<b>Age 1</b>														
First Nations	2,046	1,253	1,253	1,252	53	53	53	1,689	1,252	7	1	4	23	52
Rate per 100 children		61.2	61.2	61.2	2.6	2.6	2.6	82.6	61.2	0.3	0.0	0.2	1.1	2.5
Non-First Nations	12,092	10,031	10,032	10,026	337	330	331	10,921	10,017	102	60	760	1,709	694
Rate per 100 children		83.0	83.0	82.9	2.8	2.7	2.7	90.3	82.8	0.8	0.5	6.3	14.1	5.7
Total for 1 year olds	14,138	11,284	11,285	11,278	390	383	384	12,610	11,269	109	61	764	1,732	746
Rate per 100 children		79.8	79.8	79.8	2.8	2.7	2.7	89.2	79.7	0.8	0.4	5.4	12.3	5.3
<b>Age 2</b>														
First Nations	2,033	1,032	1,032	1,031	1,638	1,638	1,638	1,662	1,023	10	20	4	20	82
Rate per 100 children		50.8	50.8	50.7	80.6	80.6	80.6	81.8	50.3	0.5	1.0	0.2	1.0	4.0
Non-First Nations	12,175	8,837	8,837	8,819	10,516	10,498	10,507	10,738	8,778	151	1,332	550	1,411	631
Rate per 100 children		72.6	72.6	72.4	86.4	86.2	86.3	88.2	72.1	1.2	10.9	4.5	11.6	5.2
Total for 2 year olds	14,208	9,869	9,869	9,850	12,154	12,136	12,145	12,400	9,801	161	1,352	554	1,431	713
Rate per 100 children		69.5	69.5	69.3	85.5	85.4	85.5	87.3	69.0	1.1	9.5	3.9	10.1	5.0
<b>Age 7</b>														
First Nations	1,832	981	981	967	1,227	1,721	1,721	1,639	1,168	3	1	3	4	52
Rate per 100 children		53.5	53.5	52.8	67.0	93.9	93.9	89.5	63.8	0.2	0.1	0.2	0.2	2.8
Non-First Nations	13,309	9,785	9,784	9,474	10,321	12,185	12,184	11,788	10,625	271	388	146	77	519
Rate per 100 children		73.5	73.5	71.2	77.5	91.6	91.5	88.6	79.8	2.0	2.9	1.1	0.6	3.9
Total for 7 year olds	15,141	10,766	10,765	10,441	11,548	13,906	13,905	13,427	11,793	274	389	149	81	571
Rate per 100 children		71.1	71.1	69.0	76.3	91.8	91.8	88.7	77.9	1.8	2.6	1.0	0.5	3.8
<b>Age 11</b>														
First Nations	2,008	1,278	1,277	1,230	1,494	1,915	1,915	1,782	1,315	866	3	122	2	58
Rate per 100 children		63.6	63.6	61.3	74.4	95.4	95.4	88.7	65.5	43.1	0.1	6.1	0.1	2.9
Non-First Nations	14,987	12,311	12,313	11,476	12,883	13,873	13,873	13,630	11,794	11,302	71	264	37	479
Rate per 100 children		82.1	82.2	76.6	86.0	92.6	92.6	90.9	78.7	75.4	0.5	1.8	0.2	3.2
Total for 11 year olds	16,995	13,589	13,590	12,706	14,377	15,788	15,788	15,412	13,109	12,168	74	386	39	537
Rate per 100 children		80.0	80.0	74.8	84.6	92.9	92.9	90.7	77.1	71.6	0.4	2.3	0.2	3.2
<b>Age 17</b>														
First Nations	1,610	495	498	830	1,025	1,309	1,416	1,232	1	67	0	393	4	46
Rate per 100 children		30.7	30.9	51.6	63.7	81.3	88.0	76.5	0.1	4.2	0.0	24.4	0.2	2.9
Non-First Nations	15,100	10,087	10,110	10,333	12,516	13,720	14,037	13,507	19	647	24	7,228	42	390
Rate per 100 children		66.8	67.0	68.4	82.9	90.9	93.0	89.5	0.1	4.3	0.2	47.9	0.3	2.6
Total for 17 year olds	16,710	10,582	10,608	11,163	13,541	15,029	15,453	14,739	20	714	24	7,621	46	436
Rate per 100 children		63.3	63.5	66.8	81.0	89.9	92.5	88.2	0.1	4.3	0.1	45.6	0.3	2.6

## Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2004

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>10 - Winnipeg</b>														
<b>Age 1</b>														
First Nations	492	328	328	328	10	10	10	414	328	3	0	3	10	24
Rate per 100 children		66.7	66.7	66.7	2.0	2.0	2.0	84.1	66.7	0.6	0.0	0.6	2.0	4.9
Non-First Nations	6,739	5,575	5,576	5,570	216	213	214	6,077	5,569	53	43	598	1,242	462
Rate per 100 children		82.7	82.7	82.7	3.2	3.2	3.2	90.2	82.6	0.8	0.6	8.9	18.4	6.9
Total for 1 year olds	7,231	5,903	5,904	5,898	226	223	224	6,491	5,897	56	43	601	1,252	486
Rate per 100 children		81.6	81.6	81.6	3.1	3.1	3.1	89.8	81.6	0.8	0.6	8.3	17.3	6.7
<b>Age 2</b>														
First Nations	458	238	238	237	375	375	375	386	235	3	12	3	9	28
Rate per 100 children		52.0	52.0	51.7	81.9	81.9	81.9	84.3	51.3	0.7	2.6	0.7	2.0	6.1
Non-First Nations	6,808	4,970	4,970	4,954	5,845	5,835	5,843	5,968	4,922	82	1,007	429	1,050	406
Rate per 100 children		73.0	73.0	72.8	85.9	85.7	85.8	87.7	72.3	1.2	14.8	6.3	15.4	6.0
Total for 2 year olds	7,266	5,208	5,208	5,191	6,220	6,210	6,218	6,354	5,157	85	1,019	432	1,059	434
Rate per 100 children		71.7	71.7	71.4	85.6	85.5	85.6	87.4	71.0	1.2	14.0	5.9	14.6	6.0
<b>Age 7</b>														
First Nations	424	232	232	227	275	401	401	384	289	3	0	2	3	15
Rate per 100 children		54.7	54.7	53.5	64.9	94.6	94.6	90.6	68.2	0.7	0.0	0.5	0.7	3.5
Non-First Nations	7,371	5,001	5,000	4,767	5,260	6,607	6,607	6,262	5,647	114	279	96	46	316
Rate per 100 children		67.8	67.8	64.7	71.4	89.6	89.6	85.0	76.6	1.5	3.8	1.3	0.6	4.3
Total for 7 year olds	7,795	5,233	5,232	4,994	5,535	7,008	7,008	6,646	5,936	117	279	98	49	331
Rate per 100 children		67.1	67.1	64.1	71.0	89.9	89.9	85.3	76.2	1.5	3.6	1.3	0.6	4.2
<b>Age 11</b>														
First Nations	438	288	288	274	326	409	409	399	320	210	2	12	1	12
Rate per 100 children		65.8	65.8	62.6	74.4	93.4	93.4	91.1	73.1	47.9	0.5	2.7	0.2	2.7
Non-First Nations	8,225	6,588	6,589	6,044	6,876	7,463	7,463	7,283	6,283	6,141	53	112	21	296
Rate per 100 children		80.1	80.1	73.5	83.6	90.7	90.7	88.5	76.4	74.7	0.6	1.4	0.3	3.6
Total for 11 year olds	8,663	6,876	6,877	6,318	7,202	7,872	7,872	7,682	6,603	6,351	55	124	22	308
Rate per 100 children		79.4	79.4	72.9	83.1	90.9	90.9	88.7	76.2	73.3	0.6	1.4	0.3	3.6
<b>Age 17</b>														
First Nations	318	102	102	172	212	280	292	260	0	11	0	147	0	8
Rate per 100 children		32.1	32.1	54.1	66.7	88.1	91.8	81.8	0.0	3.5	0.0	46.2	0.0	2.5
Non-First Nations	8,302	5,123	5,139	5,335	6,655	7,333	7,572	7,168	7	410	17	6,739	25	214
Rate per 100 children		61.7	61.9	64.3	80.2	88.3	91.2	86.3	0.1	4.9	0.2	81.2	0.3	2.6
Total for 17 year olds	8,620	5,225	5,241	5,507	6,867	7,613	7,864	7,428	7	421	17	6,886	25	222
Rate per 100 children		60.6	60.8	63.9	79.7	88.3	91.2	86.2	0.1	4.9	0.2	79.9	0.3	2.6

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>15 - Brandon</b>														
<b>Age 1</b>														
First Nations	46	30	30	30	0	0	0	36	30	0	0	0	2	2
Rate per 100 children		65.2	65.2	65.2	0.0	0.0	0.0	78.3	65.2	0.0	0.0	0.0	4.3	4.3
Non-First Nations	578	493	493	493	17	17	17	531	492	2	8	24	89	41
Rate per 100 children		85.3	85.3	85.3	2.9	2.9	2.9	91.9	85.1	0.3	1.4	4.2	15.4	7.1
Total for 1 year olds	624	523	523	523	17	17	17	567	522	2	8	24	91	43
Rate per 100 children		83.8	83.8	83.8	2.7	2.7	2.7	90.9	83.7	0.3	1.3	3.8	14.6	6.9
<b>Age 2</b>														
First Nations	62	26	26	26	44	44	44	44	26	0	0	0	1	4
Rate per 100 children		41.9	41.9	41.9	71.0	71.0	71.0	71.0	41.9	0.0	0.0	0.0	1.6	6.5
Non-First Nations	566	402	402	402	501	501	501	498	401	1	52	13	77	21
Rate per 100 children		71.0	71.0	71.0	88.5	88.5	88.5	88.0	70.8	0.2	9.2	2.3	13.6	3.7
Total for 2 year olds	628	428	428	428	545	545	545	542	427	1	52	13	78	25
Rate per 100 children		68.2	68.2	68.2	86.8	86.8	86.8	86.3	68.0	0.2	8.3	2.1	12.4	4.0
<b>Age 7</b>														
First Nations	43	17	17	17	26	38	38	39	25	0	1	1	1	3
Rate per 100 children		39.5	39.5	39.5	60.5	88.4	88.4	90.7	58.1	0.0	2.3	2.3	2.3	7.0
Non-First Nations	549	438	438	437	469	512	512	499	452	9	17	6	9	18
Rate per 100 children		79.8	79.8	79.6	85.4	93.3	93.3	90.9	82.3	1.6	3.1	1.1	1.6	3.3
Total for 7 year olds	592	455	455	454	495	550	550	538	477	9	18	7	10	21
Rate per 100 children		76.9	76.9	76.7	83.6	92.9	92.9	90.9	80.6	1.5	3.0	1.2	1.7	3.5
<b>Age 11</b>														
First Nations	45	27	27	26	37	43	43	41	29	21	0	5	0	0
Rate per 100 children		60.0	60.0	57.8	82.2	95.6	95.6	91.1	64.4	46.7	0.0	11.1	0.0	0.0
Non-First Nations	600	488	488	478	512	538	538	537	480	468	4	2	0	18
Rate per 100 children		81.3	81.3	79.7	85.3	89.7	89.7	89.5	80.0	78.0	0.7	0.3	0.0	3.0
Total for 11 year olds	645	515	515	504	549	581	581	578	509	489	4	7	0	18
Rate per 100 children		79.8	79.8	78.1	85.1	90.1	90.1	89.6	78.9	75.8	0.6	1.1	0.0	2.8
<b>Age 17</b>														
First Nations	36	19	19	23	28	35	35	31	0	0	0	5	1	0
Rate per 100 children		52.8	52.8	63.9	77.8	97.2	97.2	86.1	0.0	0.0	0.0	13.9	2.8	0.0
Non-First Nations	665	504	504	466	582	618	625	595	3	15	1	17	2	19
Rate per 100 children		75.8	75.8	70.1	87.5	92.9	94.0	89.5	0.5	2.3	0.2	2.6	0.3	2.9
Total for 17 year olds	701	523	523	489	610	653	660	626	3	15	1	22	3	19
Rate per 100 children		74.6	74.6	69.8	87.0	93.2	94.2	89.3	0.4	2.1	0.1	3.1	0.4	2.7

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tot.	Port.	Measles	Mumps	Rubella	Polio	HIB	HSV	V	M	P	Flu
<b>20 - North Eastman</b>														
<b>Age 1</b>														
First Nations	160	86	86	86	7	7	7	131	85	0	0	0	1	2
Rate per 100 children		53.8	53.8	53.8	4.4	4.4	4.4	81.9	53.1	0.0	0.0	0.0	0.6	1.3
Non-First Nations	315	261	261	260	6	6	6	291	260	1	0	15	40	16
Rate per 100 children		82.9	82.9	82.5	1.9	1.9	1.9	92.4	82.5	0.3	0.0	4.8	12.7	5.1
Total for 1 year olds	475	347	347	346	13	13	13	422	345	1	0	15	41	18
Rate per 100 children		73.1	73.1	72.8	2.7	2.7	2.7	88.8	72.6	0.2	0.0	3.2	8.6	3.8
<b>Age 2</b>														
First Nations	151	69	69	69	102	102	102	114	69	0	0	0	0	5
Rate per 100 children		45.7	45.7	45.7	67.5	67.5	67.5	75.5	45.7	0.0	0.0	0.0	0.0	3.3
Non-First Nations	319	233	233	232	284	284	284	293	232	1	27	2	22	14
Rate per 100 children		73.0	73.0	72.7	89.0	89.0	89.0	91.8	72.7	0.3	8.5	0.6	6.9	4.4
Total for 2 year olds	470	302	302	301	386	386	386	407	301	1	27	2	22	19
Rate per 100 children		64.3	64.3	64.0	82.1	82.1	82.1	86.6	64.0	0.2	5.7	0.4	4.7	4.0
<b>Age 7</b>														
First Nations	149	74	74	72	97	139	139	132	92	0	0	0	0	9
Rate per 100 children		49.7	49.7	48.3	65.1	93.3	93.3	88.6	61.7	0.0	0.0	0.0	0.0	6.0
Non-First Nations	367	293	293	284	313	351	351	349	305	3	9	3	0	16
Rate per 100 children		79.8	79.8	77.4	85.3	95.6	95.6	95.1	83.1	0.8	2.5	0.8	0.0	4.4
Total for 7 year olds	516	367	367	356	410	490	490	481	397	3	9	3	0	25
Rate per 100 children		71.1	71.1	69.0	79.5	95.0	95.0	93.2	76.9	0.6	1.7	0.6	0.0	4.8
<b>Age 11</b>														
First Nations	166	102	102	93	122	159	159	142	93	72	0	3	0	6
Rate per 100 children		61.4	61.4	56.0	73.5	95.8	95.8	85.5	56.0	43.4	0.0	1.8	0.0	3.6
Non-First Nations	522	454	453	422	466	499	499	493	431	404	3	8	1	13
Rate per 100 children		87.0	86.8	80.8	89.3	95.6	95.6	94.4	82.6	77.4	0.6	1.5	0.2	2.5
Total for 11 year olds	688	556	555	515	588	658	658	635	524	476	3	11	1	19
Rate per 100 children		80.8	80.7	74.9	85.5	95.6	95.6	92.3	76.2	69.2	0.4	1.6	0.1	2.8
<b>Age 17</b>														
First Nations	126	29	31	56	76	101	110	95	0	7	0	10	0	0
Rate per 100 children		23.0	24.6	44.4	60.3	80.2	87.3	75.4	0.0	5.6	0.0	7.9	0.0	0.0
Non-First Nations	505	346	346	336	438	481	484	484	1	21	0	49	2	11
Rate per 100 children		68.5	68.5	66.5	86.7	95.2	95.8	95.8	0.2	4.2	0.0	9.7	0.4	2.2
Total for 17 year olds	631	375	377	392	514	582	594	579	1	28	0	59	2	11
Rate per 100 children		59.4	59.7	62.1	81.5	92.2	94.1	91.8	0.2	4.4	0.0	9.4	0.3	1.7

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>25 - South Eastman</b>														
<b>Age 1</b>														
First Nations	5	5	5	5	0	0	0	5	5	0	0	0	0	0
Rate per 100 children	100.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	816	684	684	684	28	27	27	743	682	13	5	30	81	34
Rate per 100 children	83.8	83.8	83.8	83.8	3.4	3.3	3.3	91.1	83.6	1.6	0.6	3.7	9.9	4.2
Total for 1 year olds	821	689	689	689	28	27	27	748	687	13	5	30	81	34
Rate per 100 children	83.9	83.9	83.9	83.9	3.4	3.3	3.3	91.1	83.7	1.6	0.6	3.7	9.9	4.1
<b>Age 2</b>														
First Nations	14	7	7	7	12	12	12	12	7	0	0	0	0	0
Rate per 100 children	50.0	50.0	50.0	50.0	85.7	85.7	85.7	85.7	50.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	848	618	618	618	749	747	747	764	618	24	57	30	76	33
Rate per 100 children	72.9	72.9	72.9	72.9	88.3	88.1	88.1	90.1	72.9	2.8	6.7	3.5	9.0	3.9
Total for 2 year olds	862	625	625	625	761	759	759	776	625	24	57	30	76	33
Rate per 100 children	72.5	72.5	72.5	72.5	88.3	88.1	88.1	90.0	72.5	2.8	6.6	3.5	8.8	3.8
<b>Age 7</b>														
First Nations	4	3	3	3	3	4	4	3	3	0	0	0	0	0
Rate per 100 children	75.0	75.0	75.0	75.0	75.0	100.0	100.0	75.0	75.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	945	759	759	738	807	878	877	870	770	62	20	7	5	25
Rate per 100 children	80.3	80.3	80.3	78.1	85.4	92.9	92.8	92.1	81.5	6.6	2.1	0.7	0.5	2.6
Total for 7 year olds	949	762	762	741	810	882	881	873	773	62	20	7	5	25
Rate per 100 children	80.3	80.3	80.3	78.1	85.4	92.9	92.8	92.0	81.5	6.5	2.1	0.7	0.5	2.6
<b>Age 11</b>														
First Nations	4	1	1	1	0	3	3	2	2	0	0	0	0	0
Rate per 100 children	25.0	25.0	25.0	25.0	0.0	75.0	75.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,041	895	896	838	950	999	998	991	837	824	2	4	1	23
Rate per 100 children	86.0	86.1	80.5	91.3	96.0	95.9	95.2	80.4	79.2	0.2	0.4	0.1	0.1	2.2
Total for 11 year olds	1,045	896	897	839	950	1,002	1,001	993	839	824	2	4	1	23
Rate per 100 children	85.7	85.8	80.3	90.9	95.9	95.8	95.0	80.3	78.9	0.2	0.4	0.1	0.1	2.2
<b>Age 17</b>														
First Nations	3	0	1	1	2	2	3	2	0	0	0	0	0	0
Rate per 100 children	0.0	0.0	33.3	33.3	66.7	66.7	100.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	994	674	675	666	844	951	954	946	2	41	1	58	0	19
Rate per 100 children	67.8	67.9	67.0	84.9	95.7	96.0	95.2	80.2	4.1	0.1	5.8	0.0	1.9	
Total for 17 year olds	997	674	676	667	846	953	957	948	2	41	1	58	0	19
Rate per 100 children	67.6	67.8	66.9	84.9	95.6	96.0	95.1	80.2	4.1	0.1	5.8	0.0	1.9	

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tet.	Port.	Measles	Mumps	Rubella	Polio	Hib	HBV	V	M	P	Flu
<b>30 - Interlake</b>														
<b>Age 1</b>														
First Nations	123	85	85	84	5	5	5	112	84	0	0	0	0	7
Rate per 100 children		69.1	69.1	68.3	4.1	4.1	4.1	91.1	68.3	0.0	0.0	0.0	0.0	5.7
Non-First Nations	672	565	565	565	15	15	15	617	565	3	3	34	93	45
Rate per 100 children		84.1	84.1	84.1	2.2	2.2	2.2	91.8	84.1	0.4	0.4	5.1	13.8	6.7
Total for 1 year olds	795	650	650	649	20	20	20	729	649	3	3	34	93	52
Rate per 100 children		81.8	81.8	81.6	2.5	2.5	2.5	91.7	81.6	0.4	0.4	4.3	11.7	6.5
<b>Age 2</b>														
First Nations	139	79	79	79	114	114	114	114	79	1	1	0	3	6
Rate per 100 children		56.8	56.8	56.8	82.0	82.0	82.0	82.0	56.8	0.7	0.7	0.0	2.2	4.3
Non-First Nations	708	503	503	502	612	610	611	622	500	3	72	18	60	47
Rate per 100 children		71.0	71.0	70.9	86.4	86.2	86.3	87.9	70.6	0.4	10.2	2.5	8.5	6.6
Total for 2 year olds	847	582	582	581	726	724	725	736	579	4	73	18	63	53
Rate per 100 children		68.7	68.7	68.6	85.7	85.5	85.6	86.9	68.4	0.5	8.6	2.1	7.4	6.3
<b>Age 7</b>														
First Nations	128	88	88	86	92	123	123	124	99	0	0	0	0	3
Rate per 100 children		68.8	68.8	67.2	71.9	96.1	96.1	96.9	77.3	0.0	0.0	0.0	0.0	2.3
Non-First Nations	855	656	656	641	676	798	798	782	717	10	19	12	4	36
Rate per 100 children		76.7	76.7	75.0	79.1	93.3	93.3	91.5	83.9	1.2	2.2	1.4	0.5	4.2
Total for 7 year olds	983	744	744	727	768	921	921	906	816	10	19	12	4	39
Rate per 100 children		75.7	75.7	74.0	78.1	93.7	93.7	92.2	83.0	1.0	1.9	1.2	0.4	4.0
<b>Age 11</b>														
First Nations	168	119	119	116	108	161	161	153	115	75	0	6	0	4
Rate per 100 children		70.8	70.8	69.0	64.3	95.8	95.8	91.1	68.5	44.6	0.0	3.6	0.0	2.4
Non-First Nations	994	801	801	734	831	928	928	909	781	770	3	11	2	25
Rate per 100 children		80.6	80.6	73.8	83.6	93.4	93.4	91.4	78.6	77.5	0.3	1.1	0.2	2.5
Total for 11 year olds	1,162	920	920	850	939	1,089	1,089	1,062	896	845	3	17	2	29
Rate per 100 children		79.2	79.2	73.1	80.8	93.7	93.7	91.4	77.1	72.7	0.3	1.5	0.2	2.5
<b>Age 17</b>														
First Nations	126	26	26	35	78	111	118	83	0	1	0	11	0	3
Rate per 100 children		20.6	20.6	27.8	61.9	88.1	93.7	65.9	0.0	0.8	0.0	8.7	0.0	2.4
Non-First Nations	988	699	701	669	869	918	936	909	0	37	1	111	4	35
Rate per 100 children		70.7	71.0	67.7	88.0	92.9	94.7	92.0	0.0	3.7	0.1	11.2	0.4	3.5
Total for 17 year olds	1,114	725	727	704	947	1,029	1,054	992	0	38	1	122	4	38
Rate per 100 children		65.1	65.3	63.2	85.0	92.4	94.6	89.0	0.0	3.4	0.1	11.0	0.4	3.4

## Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2004

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>40 - Central</b>														
<b>Age 1</b>														
First Nations	149	73	73	73	1	1	1	106	74	1	0	1	1	1
Rate per 100 children		49.0	49.0	49.0	0.7	0.7	0.7	71.1	49.7	0.7	0.0	0.7	0.7	0.7
Non-First Nations	1,326	1,050	1,050	1,051	18	17	17	1,148	1,046	21	0	31	76	34
Rate per 100 children		79.2	79.2	79.3	1.4	1.3	1.3	86.6	78.9	1.6	0.0	2.3	5.7	2.6
Total for 1 year olds	1,475	1,123	1,123	1,124	19	18	18	1,254	1,120	22	0	32	77	35
Rate per 100 children		76.1	76.1	76.2	1.3	1.2	1.2	85.0	75.9	1.5	0.0	2.2	5.2	2.4
<b>Age 2</b>														
First Nations	150	60	60	60	113	113	113	113	60	1	2	0	3	5
Rate per 100 children		40.0	40.0	40.0	75.3	75.3	75.3	75.3	40.0	0.7	1.3	0.0	2.0	3.3
Non-First Nations	1,316	906	906	906	1,083	1,090	1,080	1,130	904	27	51	25	51	42
Rate per 100 children		68.8	68.8	68.8	82.3	82.1	82.1	85.9	68.7	2.1	3.9	1.9	3.9	3.2
Total for 2 year olds	1,466	966	966	966	1,196	1,193	1,193	1,243	964	28	53	25	54	47
Rate per 100 children		65.9	65.9	65.9	81.6	81.4	81.4	84.8	65.8	1.9	3.6	1.7	3.7	3.2
<b>Age 7</b>														
First Nations	141	44	44	43	70	132	132	116	62	0	0	0	0	2
Rate per 100 children		31.2	31.2	30.5	49.6	93.6	93.6	82.3	44.0	0.0	0.0	0.0	0.0	1.4
Non-First Nations	1,440	1,176	1,176	1,149	1,242	1,359	1,359	1,359	1,210	54	26	8	5	41
Rate per 100 children		81.7	81.7	79.8	86.3	94.4	94.4	94.4	84.0	3.8	1.8	0.6	0.3	2.8
Total for 7 year olds	1,581	1,220	1,220	1,192	1,312	1,491	1,491	1,475	1,272	54	26	8	5	43
Rate per 100 children		77.2	77.2	75.4	83.0	94.3	94.3	93.3	80.5	3.4	1.6	0.5	0.3	2.7
<b>Age 11</b>														
First Nations	122	62	62	57	80	111	111	102	81	28	0	7	0	2
Rate per 100 children		50.8	50.8	46.7	65.6	91.0	91.0	83.6	66.4	23.0	0.0	5.7	0.0	1.6
Non-First Nations	1,557	1,337	1,338	1,269	1,408	1,508	1,508	1,500	1,283	1,129	2	13	3	41
Rate per 100 children		85.9	85.9	81.5	90.4	96.9	96.9	96.3	82.4	72.5	0.1	0.8	0.2	2.6
Total for 11 year olds	1,679	1,399	1,400	1,326	1,488	1,619	1,619	1,602	1,364	1,157	2	20	3	43
Rate per 100 children		83.3	83.4	79.0	88.6	96.4	96.4	95.4	81.2	68.9	0.1	1.2	0.2	2.6
<b>Age 17</b>														
First Nations	119	22	22	39	62	73	74	70	0	2	0	14	1	1
Rate per 100 children		18.5	18.5	32.8	52.1	61.3	62.2	58.8	0.0	1.7	0.0	11.8	0.8	0.8
Non-First Nations	1,491	1,187	1,188	1,168	1,308	1,423	1,428	1,422	0	64	2	60	3	29
Rate per 100 children		79.6	79.7	78.3	87.7	95.4	95.8	95.4	0.0	4.3	0.1	4.0	0.2	1.9
Total for 17 year olds	1,610	1,209	1,210	1,207	1,370	1,496	1,502	1,492	0	66	2	74	4	30
Rate per 100 children		75.1	75.2	75.0	85.1	92.9	93.3	92.7	0.0	4.1	0.1	4.6	0.2	1.9

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>45 - Assiniboine</b>														
<b>Age 1</b>														
First Nations	62	41	41	41	0	0	0	50	41	0	0	0	3	3
Rate per 100 children		66.1	66.1	66.1	0.0	0.0	0.0	80.6	66.1	0.0	0.0	0.0	4.8	4.8
Non-First Nations	662	581	581	581	7	6	6	616	581	3	1	14	59	24
Rate per 100 children		87.8	87.8	87.8	1.1	0.9	0.9	93.1	87.8	0.5	0.2	2.1	8.9	3.6
Total for 1 year olds	724	622	622	622	7	6	6	666	622	3	1	14	62	27
Rate per 100 children		85.9	85.9	85.9	1.0	0.8	0.8	92.0	85.9	0.4	0.1	1.9	8.6	3.7
<b>Age 2</b>														
First Nations	77	43	43	43	62	62	62	68	43	0	2	0	0	5
Rate per 100 children		55.8	55.8	55.8	80.5	80.5	80.5	88.3	55.8	0.0	2.6	0.0	0.0	6.5
Non-First Nations	628	474	474	474	557	557	557	571	473	3	35	15	43	22
Rate per 100 children		75.5	75.5	75.5	88.7	88.7	88.7	90.9	75.3	0.5	5.6	2.4	6.8	3.5
Total for 2 year olds	705	517	517	517	619	619	619	639	516	3	37	15	43	27
Rate per 100 children		73.3	73.3	73.3	87.8	87.8	87.8	90.6	73.2	0.4	5.2	2.1	6.1	3.8
<b>Age 7</b>														
First Nations	70	22	22	22	30	62	62	51	37	0	0	0	0	1
Rate per 100 children		31.4	31.4	31.4	42.9	88.6	88.6	72.9	52.9	0.0	0.0	0.0	0.0	1.4
Non-First Nations	760	640	640	638	674	719	719	715	659	12	10	7	7	38
Rate per 100 children		84.2	84.2	83.9	88.7	94.6	94.6	94.1	86.7	1.6	1.3	0.9	0.9	5.0
Total for 7 year olds	830	662	662	660	704	781	781	766	696	12	10	7	7	39
Rate per 100 children		79.8	79.8	79.5	84.8	94.1	94.1	92.3	83.9	1.4	1.2	0.8	0.8	4.7
<b>Age 11</b>														
First Nations	85	60	60	59	74	84	84	81	61	40	0	12	0	10
Rate per 100 children		70.6	70.6	69.4	87.1	98.8	98.8	95.3	71.8	47.1	0.0	14.1	0.0	11.8
Non-First Nations	899	797	797	779	822	858	858	852	783	712	3	11	5	28
Rate per 100 children		88.7	88.7	86.7	91.4	95.4	95.4	94.8	87.1	79.2	0.3	1.2	0.6	3.1
Total for 11 year olds	984	857	857	838	896	942	942	933	844	752	3	23	5	38
Rate per 100 children		87.1	87.1	85.2	91.1	95.7	95.7	94.8	85.8	76.4	0.3	2.3	0.5	3.9
<b>Age 17</b>														
First Nations	92	28	28	46	67	77	85	72	0	2	0	13	1	7
Rate per 100 children		30.4	30.4	50.0	72.8	83.7	92.4	78.3	0.0	2.2	0.0	14.1	1.1	7.6
Non-First Nations	1,009	743	746	807	821	950	969	946	0	21	0	17	4	31
Rate per 100 children		73.6	73.9	80.0	81.4	94.2	96.0	93.8	0.0	2.1	0.0	1.7	0.4	3.1
Total for 17 year olds	1,101	771	774	853	888	1,027	1,054	1,018	0	23	0	30	5	38
Rate per 100 children		70.0	70.3	77.5	80.7	93.3	95.7	92.5	0.0	2.1	0.0	2.7	0.5	3.5

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	<b>Pop</b>	<b>Diphth.</b>	<b>Tet.</b>	<b>Pert.</b>	<b>Measles</b>	<b>Mumps</b>	<b>Rubella</b>	<b>Polio</b>	<b>HIB</b>	<b>HBV</b>	<b>V</b>	<b>M</b>	<b>P</b>	<b>Flu</b>
<b>60 - Parkland</b>														
<b>Age 1</b>														
First Nations	111	86	86	86	3	3	3	103	86	0	1	0	0	1
Rate per 100 children	77.5	77.5	77.5	77.5	2.7	2.7	2.7	92.8	77.5	0.0	0.9	0.0	0.0	0.9
Non-First Nations	397	345	345	345	14	14	14	368	345	2	0	7	16	14
Rate per 100 children	86.9	86.9	86.9	86.9	3.5	3.5	3.5	92.7	86.9	0.5	0.0	1.8	4.0	3.5
Total for 1 year olds	508	431	431	431	17	17	17	471	431	2	1	7	16	15
Rate per 100 children	84.8	84.8	84.8	84.8	3.3	3.3	3.3	92.7	84.8	0.4	0.2	1.4	3.1	3.0
<b>Age 2</b>														
First Nations	85	54	54	54	81	81	81	80	53	0	1	0	1	2
Rate per 100 children	63.5	63.5	63.5	63.5	95.3	95.3	95.3	94.1	62.4	0.0	1.2	0.0	1.2	2.4
Non-First Nations	420	327	327	327	384	384	384	389	326	4	8	5	12	16
Rate per 100 children	77.9	77.9	77.9	77.9	91.4	91.4	91.4	92.6	77.6	1.0	1.9	1.2	2.9	3.8
Total for 2 year olds	505	381	381	381	465	465	465	469	379	4	9	5	13	18
Rate per 100 children	75.4	75.4	75.4	75.4	92.1	92.1	92.1	92.9	75.0	0.8	1.8	1.0	2.6	3.6
<b>Age 7</b>														
First Nations	96	77	77	77	86	93	93	93	82	0	0	0	0	2
Rate per 100 children	80.2	80.2	80.2	80.2	89.6	96.9	96.9	96.9	85.4	0.0	0.0	0.0	0.0	2.1
Non-First Nations	445	372	372	372	395	426	426	419	387	4	7	6	1	6
Rate per 100 children	83.6	83.6	83.6	83.6	88.8	95.7	95.7	94.2	87.0	0.9	1.6	1.3	0.2	1.3
Total for 7 year olds	541	449	449	449	481	519	519	512	469	4	7	6	1	8
Rate per 100 children	83.0	83.0	83.0	83.0	88.9	95.9	95.9	94.6	86.7	0.7	1.3	1.1	0.2	1.5
<b>Age 11</b>														
First Nations	104	92	92	86	100	103	103	103	87	69	0	23	1	3
Rate per 100 children	88.5	88.5	88.5	82.7	96.2	99.0	99.0	99.0	83.7	66.3	0.0	22.1	1.0	2.9
Non-First Nations	475	418	418	397	438	458	458	449	412	389	0	40	2	12
Rate per 100 children	88.0	88.0	88.0	83.6	92.2	96.4	96.4	94.5	86.7	81.9	0.0	8.4	0.4	2.5
Total for 11 year olds	579	510	510	483	538	561	561	552	499	458	0	63	3	15
Rate per 100 children	88.1	88.1	88.1	83.4	92.9	96.9	96.9	95.3	86.2	79.1	0.0	10.9	0.5	2.6
<b>Age 17</b>														
First Nations	83	41	41	63	64	80	82	79	0	5	0	53	0	2
Rate per 100 children	49.4	49.4	49.4	75.9	77.1	96.4	98.8	95.2	0.0	6.0	0.0	63.9	0.0	2.4
Non-First Nations	559	448	448	481	500	520	527	515	2	11	1	50	1	10
Rate per 100 children	80.1	80.1	80.1	86.0	89.4	93.0	94.3	92.1	0.4	2.0	0.2	8.9	0.2	1.8
Total for 17 year olds	642	489	489	544	564	600	609	594	2	16	1	103	1	12
Rate per 100 children	76.2	76.2	76.2	84.7	87.9	93.5	94.9	92.5	0.3	2.5	0.2	16.0	0.2	1.9

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>70 - Norman</b>														
<b>Age 1</b>														
First Nations	159	105	105	105	6	6	6	138	105	1	0	0	3	3
Rate per 100 children	66.0	66.0	66.0	66.0	3.8	3.8	3.8	86.8	66.0	0.6	0.0	0.0	1.9	1.9
Non-First Nations	259	204	204	204	7	7	7	224	204	0	0	2	6	13
Rate per 100 children	78.8	78.8	78.8	78.8	2.7	2.7	2.7	86.5	78.8	0.0	0.0	0.8	2.3	5.0
Total for 1 year olds	418	309	309	309	13	13	13	362	309	1	0	2	9	16
Rate per 100 children	73.9	73.9	73.9	73.9	3.1	3.1	3.1	86.6	73.9	0.2	0.0	0.5	2.2	3.8
<b>Age 2</b>														
First Nations	174	104	104	104	154	154	154	154	104	0	0	1	1	13
Rate per 100 children	59.8	59.8	59.8	59.8	88.5	88.5	88.5	88.5	59.8	0.0	0.0	0.6	0.6	7.5
Non-First Nations	258	189	189	189	229	229	229	232	189	0	7	8	10	19
Rate per 100 children	73.3	73.3	73.3	73.3	88.8	88.8	88.8	89.9	73.3	0.0	2.7	3.1	3.9	7.4
Total for 2 year olds	432	293	293	293	383	383	383	386	293	0	7	9	11	32
Rate per 100 children	67.8	67.8	67.8	67.8	88.7	88.7	88.7	89.4	67.8	0.0	1.6	2.1	2.5	7.4
<b>Age 7</b>														
First Nations	147	100	100	100	112	141	141	139	114	0	0	0	0	4
Rate per 100 children	68.0	68.0	68.0	68.0	76.2	95.9	95.9	94.6	77.6	0.0	0.0	0.0	0.0	2.7
Non-First Nations	280	233	233	233	242	257	257	256	245	3	1	0	0	10
Rate per 100 children	83.2	83.2	83.2	83.2	86.4	91.8	91.8	91.4	87.5	1.1	0.4	0.0	0.0	3.6
Total for 7 year olds	427	333	333	333	354	398	398	395	359	3	1	0	0	14
Rate per 100 children	78.0	78.0	78.0	78.0	82.9	93.2	93.2	92.5	84.1	0.7	0.2	0.0	0.0	3.3
<b>Age 11</b>														
First Nations	152	119	119	118	129	151	151	147	120	92	0	34	0	7
Rate per 100 children	78.3	78.3	78.3	77.6	84.9	99.3	99.3	96.7	78.9	60.5	0.0	22.4	0.0	4.6
Non-First Nations	319	265	265	259	271	296	296	297	266	240	0	48	2	13
Rate per 100 children	83.1	83.1	83.1	81.2	85.0	92.8	92.8	93.1	83.4	75.2	0.0	15.0	0.6	4.1
Total for 11 year olds	471	384	384	377	400	447	447	444	386	332	0	82	2	20
Rate per 100 children	81.5	81.5	80.0	84.9	94.9	94.9	94.9	94.3	82.0	70.5	0.0	17.4	0.4	4.2
<b>Age 17</b>														
First Nations	131	49	49	88	106	116	128	113	0	11	0	78	0	8
Rate per 100 children	37.4	37.4	37.4	67.2	80.9	88.5	97.7	86.3	0.0	8.4	0.0	59.5	0.0	6.1
Non-First Nations	295	200	200	228	273	278	283	276	4	12	0	98	0	9
Rate per 100 children	67.8	67.8	67.8	77.3	92.5	94.2	95.9	93.6	1.4	4.1	0.0	33.2	0.0	3.1
Total for 17 year olds	426	249	249	316	379	394	411	389	4	23	0	176	0	17
Rate per 100 children	58.5	58.5	74.2	89.0	92.5	96.5	91.3	0.9	5.4	0.0	41.3	0.0	4.0	

## Childhood Immunization Coverage Data By Patient Location

**January 1 - December 31, 2004**

	<b>Pop</b>	<b>Diphth.</b>	<b>Tet.</b>	<b>Perf.</b>	<b>Measles</b>	<b>Mumps</b>	<b>Rubella</b>	<b>Polio</b>	<b>HIB</b>	<b>HBV</b>	<b>V</b>	<b>M</b>	<b>P</b>	<b>Flu</b>
<b>80 - Burntwood</b>														
<b>Age 1</b>														
First Nations	735	410	410	410	19	19	19	589	410	2	0	0	3	9
Rate per 100 children		55.8	55.8	55.8	2.6	2.6	2.6	80.1	55.8	0.3	0.0	0.0	0.4	1.2
Non-First Nations	321	265	265	265	7	6	6	298	265	4	0	4	6	10
Rate per 100 children		82.6	82.6	82.6	2.2	1.9	1.9	92.8	82.6	1.2	0.0	1.2	1.9	3.1
Total for 1 year olds	1,056	675	675	675	26	25	25	887	675	6	0	4	9	19
Rate per 100 children		63.9	63.9	63.9	2.5	2.4	2.4	84.0	63.9	0.6	0.0	0.4	0.9	1.8
<b>Age 2</b>														
First Nations	720	349	349	349	578	578	578	574	344	5	2	0	2	14
Rate per 100 children		48.5	48.5	48.5	80.3	80.3	80.3	79.7	47.8	0.7	0.3	0.0	0.3	1.9
Non-First Nations	286	199	199	199	254	253	253	253	197	6	16	5	8	10
Rate per 100 children		69.6	69.6	69.6	88.8	88.5	88.5	88.5	68.9	2.1	5.6	1.7	2.8	3.5
Total for 2 year olds	1,006	548	548	548	832	831	831	827	541	11	18	5	10	24
Rate per 100 children		54.5	54.5	54.5	82.7	82.6	82.6	82.2	53.8	1.1	1.8	0.5	1.0	2.4
<b>Age 7</b>														
First Nations	624	320	320	316	431	582	582	552	361	0	0	0	0	12
Rate per 100 children		51.3	51.3	50.6	69.1	93.3	93.3	88.5	57.9	0.0	0.0	0.0	0.0	1.9
Non-First Nations	285	207	207	206	233	267	267	267	224	0	0	1	0	13
Rate per 100 children		72.6	72.6	72.3	81.8	93.7	93.7	93.7	78.6	0.0	0.0	0.4	0.0	4.6
Total for 7 year olds	909	527	527	522	664	849	849	819	585	0	0	1	0	25
Rate per 100 children		58.0	58.0	57.4	73.0	93.4	93.4	90.1	64.4	0.0	0.0	0.1	0.0	2.8
<b>Age 11</b>														
First Nations	720	405	404	397	516	687	687	608	403	257	1	20	0	14
Rate per 100 children		56.3	56.1	55.1	71.7	95.4	95.4	84.4	56.0	35.7	0.1	2.8	0.0	1.9
Non-First Nations	343	262	262	250	303	317	318	310	229	220	1	15	0	10
Rate per 100 children		76.4	76.4	72.9	88.3	92.4	92.7	90.4	66.8	64.1	0.3	4.4	0.0	2.9
Total for 11 year olds	1,063	667	666	647	819	1,004	1,005	918	632	477	2	35	0	24
Rate per 100 children		62.7	62.7	60.9	77.0	94.4	94.5	86.4	59.5	44.9	0.2	3.3	0.0	2.3
<b>Age 17</b>														
First Nations	575	179	179	306	329	433	488	426	1	28	0	62	1	17
Rate per 100 children		31.1	31.1	53.2	57.2	75.3	84.9	74.1	0.2	4.9	0.0	10.8	0.2	3.0
Non-First Nations	280	154	154	167	216	238	248	236	0	15	1	29	1	12
Rate per 100 children		55.0	55.0	59.6	77.1	85.0	88.6	84.3	0.0	5.4	0.4	10.4	0.4	4.3
Total for 17 year olds	855	333	333	473	545	671	736	662	1	43	1	91	2	29
Rate per 100 children		38.9	38.9	55.3	63.7	78.5	86.1	77.4	0.1	5.0	0.1	10.6	0.2	3.4

## Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2004

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>90 - Churchill</b>														
<b>Age 1</b>														
First Nations	4	4	4	4	2	2	2	5	4	0	0	0	0	0
Rate per 100 children	100.0	100.0	100.0	100.0	50.0	50.0	50.0	125.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	7	8	8	8	2	2	2	8	8	0	0	1	1	1
Rate per 100 children	114.3	114.3	114.3	114.3	28.6	28.6	28.6	114.3	114.3	0.0	0.0	14.3	14.3	14.3
Total for 1 year olds	11	12	12	12	4	4	4	13	12	0	0	1	1	1
Rate per 100 children	109.1	109.1	109.1	109.1	36.4	36.4	36.4	118.2	109.1	0.0	0.0	9.1	9.1	9.1
<b>Age 2</b>														
First Nations	3	3	3	3	3	3	3	3	3	0	0	0	0	0
Rate per 100 children	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	18	16	16	16	18	18	18	18	16	0	0	0	2	1
Rate per 100 children	88.9	88.9	88.9	88.9	100.0	100.0	100.0	100.0	88.9	0.0	0.0	0.0	11.1	5.6
Total for 2 year olds	21	19	19	19	21	21	21	21	19	0	0	0	2	1
Rate per 100 children	90.5	90.5	90.5	90.5	100.0	100.0	100.0	100.0	90.5	0.0	0.0	0.0	9.5	4.8
<b>Age 7</b>														
First Nations	6	4	4	4	5	6	6	6	4	0	0	0	0	1
Rate per 100 children	66.7	66.7	66.7	66.7	83.3	100.0	100.0	100.0	66.7	0.0	0.0	0.0	0.0	16.7
Non-First Nations	12	10	10	9	10	11	11	10	9	0	0	0	0	0
Rate per 100 children	83.3	83.3	83.3	75.0	83.3	91.7	91.7	83.3	75.0	0.0	0.0	0.0	0.0	0.0
Total for 7 year olds	18	14	14	13	15	17	17	16	13	0	0	0	0	1
Rate per 100 children	77.8	77.8	77.8	72.2	83.3	94.4	94.4	88.9	72.2	0.0	0.0	0.0	0.0	5.6
<b>Age 11</b>														
First Nations	4	3	3	3	2	4	4	4	4	2	0	0	0	0
Rate per 100 children	75.0	75.0	75.0	75.0	50.0	100.0	100.0	100.0	100.0	50.0	0.0	0.0	0.0	0.0
Non-First Nations	12	6	6	6	6	9	9	9	9	5	0	0	0	0
Rate per 100 children	50.0	50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	41.7	0.0	0.0	0.0	0.0
Total for 11 year olds	16	9	9	9	8	13	13	13	13	7	0	0	0	0
Rate per 100 children	56.3	56.3	56.3	56.3	50.0	81.3	81.3	81.3	81.3	43.8	0.0	0.0	0.0	0.0
<b>Age 17</b>														
First Nations	1	0	0	1	1	1	1	1	0	0	0	0	0	0
Rate per 100 children	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	10	10	10	11	10	0	0	0	0	0	1
Rate per 100 children	75.0	75.0	83.3	83.3	83.3	91.7	83.3	83.3	0.0	0.0	0.0	0.0	0.0	8.3
Total for 17 year olds	13	9	9	11	11	11	12	11	0	0	0	0	0	1
Rate per 100 children	69.2	69.2	84.6	84.6	84.6	92.3	84.6	84.6	0.0	0.0	0.0	0.0	0.0	7.7

## 4. Childhood Immunization Coverage Reports, January 1, 2004 – December 31, 2004

### 4.2 Coverage by Patient Age

■ By RHA

#### Notes:

These reports are the same data as in section 4.1, with summary data, by age, provided for each RHA.

### Childhood Immunization Coverage Data By Patient Age January 1 - December 31, 2004

#### Age 1

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
First Nations	2,046	1,253	1,253	1,252	53	53	53	1,689	1,252	7	1	4	23	52
Rate per 100	61.2	61.2	61.2	61.2	2.6	2.6	2.6	82.6	61.2	0.3	0.0	0.2	1.1	2.5
Non-First Nations	12,092	10,031	10,032	10,026	337	330	331	10,921	10,017	102	60	760	1,709	694
Rate per 100	83.0	83.0	82.9	82.9	2.8	2.7	2.7	90.3	82.8	0.8	0.5	6.3	14.1	5.7
All Children	14,138	11,284	11,285	11,278	390	383	384	12,610	11,269	109	61	764	1,732	746
Rate per 100	79.8	79.8	79.8	79.8	2.8	2.7	2.7	89.2	79.7	0.8	0.4	5.4	12.3	5.3
<b>10 - Winnipeg</b>														
First Nations	492	328	328	328	10	10	10	414	328	3	0	3	10	24
Rate per 100	66.7	66.7	66.7	66.7	2.0	2.0	2.0	84.1	66.7	0.6	0.0	0.6	2.0	4.9
Non-First Nations	6,739	5,575	5,576	5,570	216	213	214	6,077	5,569	53	43	598	1,242	462
Rate per 100	82.7	82.7	82.7	82.7	3.2	3.2	3.2	90.2	82.6	0.8	0.6	8.9	18.4	6.9
All Children	7,231	5,903	5,904	5,898	226	223	224	6,491	5,897	56	43	601	1,252	486
Rate per 100	81.6	81.6	81.6	81.6	3.1	3.1	3.1	89.8	81.6	0.8	0.6	8.3	17.3	6.7
<b>15 - Brandon</b>														
First Nations	46	30	30	30	0	0	0	36	30	0	0	0	2	2
Rate per 100	65.2	65.2	65.2	65.2	0.0	0.0	0.0	78.3	65.2	0.0	0.0	0.0	4.3	4.3
Non-First Nations	578	493	493	493	17	17	17	531	492	2	8	24	89	41
Rate per 100	85.3	85.3	85.3	85.3	2.9	2.9	2.9	91.9	85.1	0.3	1.4	4.2	15.4	7.1
All Children	624	523	523	523	17	17	17	567	522	2	8	24	91	43
Rate per 100	83.8	83.8	83.8	83.8	2.7	2.7	2.7	90.9	83.7	0.3	1.3	3.8	14.6	6.9
<b>20 - North Eastman</b>														
First Nations	160	86	86	86	7	7	7	131	85	0	0	0	1	2
Rate per 100	53.8	53.8	53.8	53.8	4.4	4.4	4.4	81.9	53.1	0.0	0.0	0.0	0.6	1.3
Non-First Nations	315	261	261	260	6	6	6	291	260	1	0	15	40	16
Rate per 100	82.9	82.9	82.9	82.5	1.9	1.9	1.9	92.4	82.5	0.3	0.0	4.8	12.7	5.1
All Children	475	347	347	346	13	13	13	422	345	1	0	15	41	18
Rate per 100	73.1	73.1	73.1	72.8	2.7	2.7	2.7	88.8	72.6	0.2	0.0	3.2	8.6	3.8
<b>25 - South Eastman</b>														
First Nations	5	5	5	5	0	0	0	5	5	0	0	0	0	0
Rate per 100	100.0	100.0	100.0	100.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	816	684	684	684	28	27	27	743	682	13	5	30	81	34
Rate per 100	83.8	83.8	83.8	83.8	3.4	3.3	3.3	91.1	83.6	1.6	0.6	3.7	9.9	4.2
All Children	821	689	689	689	28	27	27	748	687	13	5	30	81	34
Rate per 100	83.9	83.9	83.9	83.9	3.4	3.3	3.3	91.1	83.7	1.6	0.6	3.7	9.9	4.1
<b>30 - Interlake</b>														
First Nations	123	85	85	84	5	5	5	112	84	0	0	0	0	7
Rate per 100	69.1	69.1	69.1	68.3	4.1	4.1	4.1	91.1	68.3	0.0	0.0	0.0	0.0	5.7
Non-First Nations	672	565	565	565	15	15	15	617	565	3	3	34	93	45
Rate per 100	84.1	84.1	84.1	84.1	2.2	2.2	2.2	91.8	84.1	0.4	0.4	5.1	13.8	6.7
All Children	795	650	650	649	20	20	20	729	649	3	3	34	93	52
Rate per 100	81.8	81.8	81.8	81.6	2.5	2.5	2.5	91.7	81.6	0.4	0.4	4.3	11.7	6.5
<b>40 - Central</b>														
First Nations	149	73	73	73	1	1	1	106	74	1	0	1	1	1
Rate per 100	49.0	49.0	49.0	49.0	0.7	0.7	0.7	71.1	49.7	0.7	0.0	0.7	0.7	0.7
Non-First Nations	1,326	1,050	1,050	1,051	18	17	17	1,148	1,046	21	0	31	76	34
Rate per 100	79.2	79.2	79.2	79.3	1.4	1.3	1.3	86.6	78.9	1.6	0.0	2.3	5.7	2.6
All Children	1,475	1,123	1,123	1,124	19	18	18	1,254	1,120	22	0	32	77	35
Rate per 100	76.1	76.1	76.2	76.2	1.3	1.2	1.2	85.0	75.9	1.5	0.0	2.2	5.2	2.4

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 1**

	<b>Pop</b>	<b>Diphth.</b>	<b>Tet.</b>	<b>Pert.</b>	<b>Measles</b>	<b>Mumps</b>	<b>Rubella</b>	<b>Polio</b>	<b>HIB</b>	<b>HBV</b>	<b>V</b>	<b>M</b>	<b>P</b>	<b>Flu</b>
<b>45 - Assiniboine</b>														
First Nations	62	41	41	41	0	0	0	50	41	0	0	0	3	3
Rate per 100		66.1	66.1	66.1	0.0	0.0	0.0	80.6	66.1	0.0	0.0	0.0	4.8	4.8
Non-First Nations	662	581	581	581	7	6	6	616	581	3	1	14	59	24
Rate per 100		87.8	87.8	87.8	1.1	0.9	0.9	93.1	87.8	0.5	0.2	2.1	8.9	3.6
All Children	724	622	622	622	7	6	6	666	622	3	1	14	62	27
Rate per 100		85.9	85.9	85.9	1.0	0.8	0.8	92.0	85.9	0.4	0.1	1.9	8.6	3.7
<b>60 - Parkland</b>														
First Nations	111	86	86	86	3	3	3	103	86	0	1	0	0	1
Rate per 100		77.5	77.5	77.5	2.7	2.7	2.7	92.8	77.5	0.0	0.9	0.0	0.0	0.9
Non-First Nations	397	345	345	345	14	14	14	368	345	2	0	7	16	14
Rate per 100		86.9	86.9	86.9	3.5	3.5	3.5	92.7	86.9	0.5	0.0	1.8	4.0	3.5
All Children	508	431	431	431	17	17	17	471	431	2	1	7	16	15
Rate per 100		84.8	84.8	84.8	3.3	3.3	3.3	92.7	84.8	0.4	0.2	1.4	3.1	3.0
<b>70 - Norman</b>														
First Nations	159	105	105	105	6	6	6	138	105	1	0	0	3	3
Rate per 100		66.0	66.0	66.0	3.8	3.8	3.8	86.8	66.0	0.6	0.0	0.0	1.9	1.9
Non-First Nations	259	204	204	204	7	7	7	224	204	0	0	2	6	13
Rate per 100		78.8	78.8	78.8	2.7	2.7	2.7	86.5	78.8	0.0	0.0	0.8	2.3	5.0
All Children	418	309	309	309	13	13	13	362	309	1	0	2	9	16
Rate per 100		73.9	73.9	73.9	3.1	3.1	3.1	86.6	73.9	0.2	0.0	0.5	2.2	3.8
<b>80 - Burntwood</b>														
First Nations	735	410	410	410	19	19	19	589	410	2	0	0	3	9
Rate per 100		55.8	55.8	55.8	2.6	2.6	2.6	80.1	55.8	0.3	0.0	0.0	0.4	1.2
Non-First Nations	321	265	265	265	7	6	6	298	265	4	0	4	6	10
Rate per 100		82.6	82.6	82.6	2.2	1.9	1.9	92.8	82.6	1.2	0.0	1.2	1.9	3.1
All Children	1,056	675	675	675	26	25	25	887	675	6	0	4	9	19
Rate per 100		63.9	63.9	63.9	2.5	2.4	2.4	84.0	63.9	0.6	0.0	0.4	0.9	1.8
<b>90 - Churchill</b>														
First Nations	4	4	4	4	2	2	2	5	4	0	0	0	0	0
Rate per 100		100.0	100.0	100.0	50.0	50.0	50.0	125.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	7	8	8	8	2	2	2	8	8	0	0	1	1	1
Rate per 100		114.3	114.3	114.3	28.6	28.6	28.6	114.3	114.3	0.0	0.0	14.3	14.3	14.3
All Children	11	12	12	12	4	4	4	13	12	0	0	1	1	1
Rate per 100		109.1	109.1	109.1	36.4	36.4	36.4	118.2	109.1	0.0	0.0	9.1	9.1	9.1

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 2**

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
First Nations Rate per 100	2,033	1,032	1,032	1,031	1,638	1,638	1,638	1,662	1,023	10	20	4	20	82
Non-First Nations Rate per 100	12,175	8,837	8,837	8,819	10,516	10,498	10,507	10,738	8,778	151	1,332	550	1,411	631
All Children Rate per 100	14,208	9,869	9,869	9,850	12,154	12,136	12,145	12,400	9,801	161	1,352	554	1,431	713
<b>10 - Winnipeg</b>														
First Nations Rate per 100	458	238	238	237	375	375	375	386	235	3	12	3	9	28
Non-First Nations Rate per 100	6,808	4,970	4,970	4,954	5,845	5,835	5,843	5,968	4,922	82	1,007	429	1,050	406
All Children Rate per 100	7,266	5,208	5,208	5,191	6,220	6,210	6,218	6,354	5,157	85	1,019	432	1,059	434
<b>15 - Brandon</b>														
First Nations Rate per 100	62	26	26	26	44	44	44	44	26	0	0	0	1	4
Non-First Nations Rate per 100	566	402	402	402	501	501	501	498	401	1	52	13	77	21
All Children Rate per 100	628	428	428	428	545	545	545	542	427	1	52	13	78	25
<b>20 - North Eastman</b>														
First Nations Rate per 100	151	69	69	69	102	102	102	114	69	0	0	0	0	5
Non-First Nations Rate per 100	319	233	233	232	284	284	284	293	232	1	27	2	22	14
All Children Rate per 100	470	302	302	301	386	386	386	407	301	1	27	2	22	19
<b>25 - South Eastman</b>														
First Nations Rate per 100	14	7	7	7	12	12	12	12	7	0	0	0	0	0
Non-First Nations Rate per 100	848	618	618	618	749	747	747	764	618	24	57	30	76	33
All Children Rate per 100	862	625	625	625	761	759	759	776	625	24	57	30	76	33
<b>30 - Interlake</b>														
First Nations Rate per 100	139	79	79	79	114	114	114	114	79	1	1	0	3	6
Non-First Nations Rate per 100	708	503	503	502	612	610	611	622	500	3	72	18	60	47
All Children Rate per 100	847	582	582	581	726	724	725	736	579	4	73	18	63	53
<b>40 - Central</b>														
First Nations Rate per 100	150	60	60	60	113	113	113	113	60	1	2	0	3	5
Non-First Nations Rate per 100	1,316	906	906	906	1,083	1,080	1,080	1,130	904	27	51	25	51	42
All Children Rate per 100	1,466	966	966	966	1,196	1,193	1,193	1,243	964	28	53	25	54	47
<b>45 - Assiniboine</b>														
First Nations Rate per 100	77	43	43	43	62	62	62	68	43	0	2	0	0	5
Non-First Nations Rate per 100	628	474	474	474	557	557	557	571	473	3	35	15	43	22
All Children Rate per 100	705	517	517	517	619	619	619	639	516	3	37	15	43	27

## Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2004

### Age 2

	Pop	Diphth.	Tet.	Perf.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
60 - Parkland														
First Nations	85	54	54	54	81	81	81	80	53	0	1	0	1	2
Rate per 100		63.5	63.5	63.5	95.3	95.3	95.3	94.1	62.4	0.0	1.2	0.0	1.2	2.4
Non-First Nations	420	327	327	327	384	384	384	389	326	4	8	5	12	16
Rate per 100		77.9	77.9	77.9	91.4	91.4	91.4	92.6	77.6	1.0	1.9	1.2	2.9	3.8
All Children	505	381	381	381	465	465	465	469	379	4	9	5	13	18
Rate per 100		75.4	75.4	75.4	92.1	92.1	92.1	92.9	75.0	0.8	1.8	1.0	2.6	3.6
70 - Norman														
First Nations	174	104	104	104	154	154	154	154	104	0	0	1	1	13
Rate per 100		59.8	59.8	59.8	88.5	88.5	88.5	88.5	59.8	0.0	0.0	0.6	0.6	7.5
Non-First Nations	258	189	189	189	229	229	229	232	189	0	7	8	10	19
Rate per 100		73.3	73.3	73.3	88.8	88.8	88.8	89.9	73.3	0.0	2.7	3.1	3.9	7.4
All Children	432	293	293	293	383	383	383	386	293	0	7	9	11	32
Rate per 100		67.8	67.8	67.8	88.7	88.7	88.7	89.4	67.8	0.0	1.6	2.1	2.5	7.4
80 - Burntwood														
First Nations	720	349	349	349	578	578	578	574	344	5	2	0	2	14
Rate per 100		48.5	48.5	48.5	80.3	80.3	80.3	79.7	47.8	0.7	0.3	0.0	0.3	1.9
Non-First Nations	286	199	199	199	254	253	253	253	197	6	16	5	8	10
Rate per 100		69.6	69.6	69.6	88.8	88.8	88.8	88.5	68.9	2.1	5.6	1.7	2.8	3.5
All Children	1,006	548	548	548	832	831	831	827	541	11	18	5	10	24
Rate per 100		54.5	54.5	54.5	82.7	82.6	82.6	82.2	53.8	1.1	1.8	0.5	1.0	2.4
90 - Churchill														
First Nations	3	3	3	3	3	3	3	3	3	0	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	18	16	16	16	18	18	18	18	16	0	0	0	2	1
Rate per 100		88.9	88.9	88.9	100.0	100.0	100.0	100.0	88.9	0.0	0.0	0.0	11.1	5.6
All Children	21	19	19	19	21	21	21	21	19	0	0	0	2	1
Rate per 100		90.5	90.5	90.5	100.0	100.0	100.0	100.0	90.5	0.0	0.0	0.0	9.5	4.8

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 7**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumpo	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
First Nations	1,832	981	981	967	1,227	1,721	1,721	1,639	1,168	3	1	3	4	52
Rate per 100		53.5	53.5	52.8	67.0	93.9	93.9	89.5	63.8	0.2	0.1	0.2	0.2	2.8
Non-First Nations	13,309	9,785	9,784	9,474	10,321	12,185	12,184	11,788	10,625	271	388	146	77	519
Rate per 100		73.5	73.5	71.2	77.5	91.6	91.5	88.6	79.8	2.0	2.9	1.1	0.6	3.9
All Children	15,141	10,766	10,765	10,441	11,548	13,906	13,905	13,427	11,793	274	389	149	81	571
Rate per 100		71.1	71.1	69.0	76.3	91.8	91.8	88.7	77.9	1.8	2.6	1.0	0.5	3.8
<b>10 - Winnipeg</b>														
First Nations	424	232	232	227	275	401	401	384	289	3	0	2	3	15
Rate per 100		54.7	54.7	53.5	64.9	94.6	94.6	90.6	68.2	0.7	0.0	0.5	0.7	3.5
Non-First Nations	7,371	5,001	5,000	4,767	5,260	6,607	6,607	6,262	5,647	114	279	96	46	316
Rate per 100		67.8	67.8	64.7	71.4	89.6	89.6	85.0	76.6	1.5	3.8	1.3	0.6	4.3
All Children	7,795	5,233	5,232	4,994	5,535	7,008	7,008	6,646	5,936	117	279	98	49	331
Rate per 100		67.1	67.1	64.1	71.0	89.9	89.9	85.3	76.2	1.5	3.6	1.3	0.6	4.2
<b>15 - Brandon</b>														
First Nations	43	17	17	17	26	38	38	39	25	0	1	1	1	3
Rate per 100		39.5	39.5	39.5	60.5	88.4	88.4	90.7	58.1	0.0	2.3	2.3	2.3	7.0
Non-First Nations	549	438	438	437	469	512	512	499	452	9	17	6	9	18
Rate per 100		79.8	79.8	79.6	85.4	93.3	93.3	90.9	82.3	1.6	3.1	1.1	1.6	3.3
All Children	592	455	455	454	495	550	550	538	477	9	18	7	10	21
Rate per 100		76.9	76.9	76.7	83.6	92.9	92.9	90.9	80.6	1.5	3.0	1.2	1.7	3.5
<b>20 - North Eastman</b>														
First Nations	149	74	74	72	97	139	139	132	92	0	0	0	0	9
Rate per 100		49.7	49.7	48.3	65.1	93.3	93.3	88.6	61.7	0.0	0.0	0.0	0.0	6.0
Non-First Nations	367	293	293	284	313	351	351	349	305	3	9	3	0	16
Rate per 100		79.8	79.8	77.4	85.3	95.6	95.6	95.1	83.1	0.8	2.5	0.8	0.0	4.4
All Children	516	367	367	356	410	490	490	481	397	3	9	3	0	25
Rate per 100		71.1	71.1	69.0	79.5	95.0	95.0	93.2	76.9	0.6	1.7	0.6	0.0	4.8
<b>25 - South Eastman</b>														
First Nations	4	3	3	3	3	4	4	3	3	0	0	0	0	0
Rate per 100		75.0	75.0	75.0	75.0	100.0	100.0	75.0	75.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	945	759	759	738	807	878	877	870	770	62	20	7	5	25
Rate per 100		80.3	80.3	78.1	85.4	92.9	92.8	92.1	81.5	6.6	2.1	0.7	0.5	2.6
All Children	949	762	762	741	810	882	881	873	773	62	20	7	5	25
Rate per 100		80.3	80.3	78.1	85.4	92.9	92.8	92.0	81.5	6.5	2.1	0.7	0.5	2.6
<b>30 - Interlake</b>														
First Nations	128	88	88	86	92	123	123	124	99	0	0	0	0	3
Rate per 100		68.8	68.8	67.2	71.9	96.1	96.1	96.9	77.3	0.0	0.0	0.0	0.0	2.3
Non-First Nations	855	656	656	641	676	798	798	782	717	10	19	12	4	36
Rate per 100		76.7	76.7	75.0	79.1	93.3	93.3	91.5	83.9	1.2	2.2	1.4	0.5	4.2
All Children	983	744	744	727	768	921	921	906	816	10	19	12	4	39
Rate per 100		75.7	75.7	74.0	78.1	93.7	93.7	92.2	83.0	1.0	1.9	1.2	0.4	4.0
<b>40 - Central</b>														
First Nations	141	44	44	43	70	132	132	116	62	0	0	0	0	2
Rate per 100		31.2	31.2	30.5	49.6	93.6	93.6	82.3	44.0	0.0	0.0	0.0	0.0	1.4
Non-First Nations	1,440	1,176	1,176	1,149	1,242	1,359	1,359	1,359	1,210	54	26	8	5	41
Rate per 100		81.7	81.7	79.8	86.3	94.4	94.4	94.4	84.0	3.8	1.8	0.6	0.3	2.8
All Children	1,581	1,220	1,220	1,192	1,312	1,491	1,491	1,475	1,272	54	26	8	5	43
Rate per 100		77.2	77.2	75.4	83.0	94.3	94.3	93.3	80.5	3.4	1.6	0.5	0.3	2.7
<b>45 - Assiniboine</b>														
First Nations	70	22	22	22	30	62	62	51	37	0	0	0	0	1
Rate per 100		31.4	31.4	31.4	42.9	88.6	88.6	72.9	52.9	0.0	0.0	0.0	0.0	1.4
Non-First Nations	760	640	640	638	674	719	719	715	659	12	10	7	7	38
Rate per 100		84.2	84.2	83.9	88.7	94.6	94.6	94.1	86.7	1.6	1.3	0.9	0.9	5.0
All Children	830	662	662	660	704	781	781	766	696	12	10	7	7	39
Rate per 100		79.8	79.8	79.5	84.8	94.1	94.1	92.3	83.9	1.4	1.2	0.8	0.8	4.7

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 7**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>60 - Parkland</b>														
First Nations	96	77	77	77	86	93	93	93	82	0	0	0	0	2
Rate per 100		80.2	80.2	80.2	89.6	96.9	96.9	96.9	85.4	0.0	0.0	0.0	0.0	2.1
Non-First Nations	445	372	372	372	395	426	426	419	387	4	7	6	1	6
Rate per 100		83.6	83.6	83.6	88.8	95.7	95.7	94.2	87.0	0.9	1.6	1.3	0.2	1.3
All Children	541	449	449	449	481	519	519	512	469	4	7	6	1	8
Rate per 100		83.0	83.0	83.0	88.9	95.9	95.9	94.6	86.7	0.7	1.3	1.1	0.2	1.5
<b>70 - Norman</b>														
First Nations	147	100	100	100	112	141	141	139	114	0	0	0	0	4
Rate per 100		68.0	68.0	68.0	76.2	95.9	95.9	94.6	77.6	0.0	0.0	0.0	0.0	2.7
Non-First Nations	280	233	233	233	242	257	257	256	245	3	1	0	0	10
Rate per 100		83.2	83.2	83.2	86.4	91.8	91.8	91.4	87.5	1.1	0.4	0.0	0.0	3.6
All Children	427	333	333	333	354	398	398	395	359	3	1	0	0	14
Rate per 100		78.0	78.0	78.0	82.9	93.2	93.2	92.5	84.1	0.7	0.2	0.0	0.0	3.3
<b>80 - Burntwood</b>														
First Nations	624	320	320	316	431	582	582	552	361	0	0	0	0	12
Rate per 100		51.3	51.3	50.6	69.1	93.3	93.3	88.5	57.9	0.0	0.0	0.0	0.0	1.9
Non-First Nations	285	207	207	206	233	267	267	267	224	0	0	1	0	13
Rate per 100		72.6	72.6	72.3	81.8	93.7	93.7	93.7	78.6	0.0	0.0	0.4	0.0	4.6
All Children	909	527	527	522	664	849	849	819	585	0	0	1	0	25
Rate per 100		58.0	58.0	57.4	73.0	93.4	93.4	90.1	64.4	0.0	0.0	0.1	0.0	2.8
<b>90 - Churchill</b>														
First Nations	6	4	4	4	5	6	6	6	4	0	0	0	0	1
Rate per 100		66.7	66.7	66.7	83.3	100.0	100.0	100.0	66.7	0.0	0.0	0.0	0.0	16.7
Non-First Nations	12	10	10	9	10	11	11	10	9	0	0	0	0	0
Rate per 100		83.3	83.3	75.0	83.3	91.7	91.7	83.3	75.0	0.0	0.0	0.0	0.0	0.0
All Children	18	14	14	13	15	17	17	16	13	0	0	0	0	1
Rate per 100		77.8	77.8	72.2	83.3	94.4	94.4	88.9	72.2	0.0	0.0	0.0	0.0	5.6

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 11**

	Pop	Diphth.	Tot.	Port.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
First Nations	2,008	1,278	1,277	1,230	1,494	1,915	1,915	1,782	1,315	866	3	122	2	58
Rate per 100		63.6	63.6	61.3	74.4	95.4	95.4	88.7	65.5	43.1	0.1	6.1	0.1	2.9
Non-First Nations	14,987	12,311	12,313	11,476	12,883	13,873	13,873	13,630	11,794	11,302	71	264	37	479
Rate per 100		82.1	82.2	76.6	86.0	92.6	92.6	90.9	78.7	75.4	0.5	1.8	0.2	3.2
All Children	16,995	13,589	13,590	12,706	14,377	15,788	15,788	15,412	13,109	12,168	74	386	39	537
Rate per 100		80.0	80.0	74.8	84.6	92.9	92.9	90.7	77.1	71.6	0.4	2.3	0.2	3.2
<b>10 - Winnipeg</b>														
First Nations	438	288	288	274	326	409	409	399	320	210	2	12	1	12
Rate per 100		65.8	65.8	62.6	74.4	93.4	93.4	91.1	73.1	47.9	0.5	2.7	0.2	2.7
Non-First Nations	8,225	6,588	6,589	6,044	6,876	7,463	7,463	7,283	6,283	6,141	53	112	21	296
Rate per 100		80.1	80.1	73.5	83.6	90.7	90.7	88.5	76.4	74.7	0.6	1.4	0.3	3.6
All Children	8,663	6,876	6,877	6,318	7,202	7,872	7,872	7,682	6,603	6,351	55	124	22	308
Rate per 100		79.4	79.4	72.9	83.1	90.9	90.9	88.7	76.2	73.3	0.6	1.4	0.3	3.6
<b>15 - Brandon</b>														
First Nations	45	27	27	26	37	43	43	41	29	21	0	5	0	0
Rate per 100		60.0	60.0	57.8	82.2	95.6	95.6	91.1	64.4	46.7	0.0	11.1	0.0	0.0
Non-First Nations	600	488	488	478	512	538	538	537	480	468	4	2	0	18
Rate per 100		81.3	81.3	79.7	85.3	89.7	89.7	89.5	80.0	78.0	0.7	0.3	0.0	3.0
All Children	645	515	515	504	549	581	581	578	509	489	4	7	0	18
Rate per 100		79.8	79.8	78.1	85.1	90.1	90.1	89.6	78.9	75.8	0.6	1.1	0.0	2.8
<b>20 - North Eastman</b>														
First Nations	166	102	102	93	122	159	159	142	93	72	0	3	0	6
Rate per 100		61.4	61.4	56.0	73.5	95.8	95.8	85.5	56.0	43.4	0.0	1.8	0.0	3.6
Non-First Nations	522	454	453	422	466	499	499	493	431	404	3	8	1	13
Rate per 100		87.0	86.8	80.8	89.3	95.6	95.6	94.4	82.6	77.4	0.6	1.5	0.2	2.5
All Children	688	556	555	515	588	658	658	635	524	476	3	11	1	19
Rate per 100		80.8	80.7	74.9	85.5	95.6	95.6	92.3	76.2	69.2	0.4	1.6	0.1	2.8
<b>25 - South Eastman</b>														
First Nations	4	1	1	1	0	3	3	2	2	0	0	0	0	0
Rate per 100		25.0	25.0	25.0	0.0	75.0	75.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	1,041	895	896	838	950	999	998	991	837	824	2	4	1	23
Rate per 100		86.0	86.1	80.5	91.3	96.0	95.9	95.2	80.4	79.2	0.2	0.4	0.1	2.2
All Children	1,045	896	897	839	950	1,002	1,001	993	839	824	2	4	1	23
Rate per 100		85.7	85.8	80.3	90.9	95.9	95.8	95.0	80.3	78.9	0.2	0.4	0.1	2.2
<b>30 - Interlake</b>														
First Nations	168	119	119	116	108	161	161	153	115	75	0	6	0	4
Rate per 100		70.8	70.8	69.0	64.3	95.8	95.8	91.1	68.5	44.6	0.0	3.6	0.0	2.4
Non-First Nations	994	801	801	734	831	928	928	909	781	770	3	11	2	25
Rate per 100		80.6	80.6	73.8	83.6	93.4	93.4	91.4	78.6	77.5	0.3	1.1	0.2	2.5
All Children	1,162	920	920	850	939	1,089	1,089	1,062	896	845	3	17	2	29
Rate per 100		79.2	79.2	73.1	80.8	93.7	93.7	91.4	77.1	72.7	0.3	1.5	0.2	2.5
<b>40 - Central</b>														
First Nations	122	62	62	57	80	111	111	102	81	28	0	7	0	2
Rate per 100		50.8	50.8	46.7	65.6	91.0	91.0	83.6	66.4	23.0	0.0	5.7	0.0	1.6
Non-First Nations	1,557	1,338	1,269	1,408	1,508	1,508	1,500	1,500	1,283	1,129	2	13	3	41
Rate per 100		85.9	85.9	81.5	90.4	96.9	96.9	96.3	82.4	72.5	0.1	0.8	0.2	2.6
All Children	1,679	1,399	1,400	1,326	1,488	1,619	1,619	1,602	1,364	1,157	2	20	3	43
Rate per 100		83.3	83.4	79.0	88.6	96.4	96.4	95.4	81.2	68.9	0.1	1.2	0.2	2.6
<b>45 - Assiniboine</b>														
First Nations	85	60	60	59	74	84	84	81	61	40	0	12	0	10
Rate per 100		70.6	70.6	69.4	87.1	98.8	98.8	95.3	71.8	47.1	0.0	14.1	0.0	11.8
Non-First Nations	899	797	797	779	822	858	858	852	783	712	3	11	5	28
Rate per 100		88.7	88.7	86.7	91.4	95.4	95.4	94.8	87.1	79.2	0.3	1.2	0.6	3.1
All Children	984	857	857	838	896	942	942	933	844	752	3	23	5	38
Rate per 100		87.1	87.1	85.2	91.1	95.7	95.7	94.8	85.8	76.4	0.3	2.3	0.5	3.9

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

**Age 11**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>60 - Parkland</b>														
First Nations	104	92	92	86	100	103	103	103	87	69	0	23	1	3
Rate per 100		88.5	88.5	82.7	96.2	99.0	99.0	99.0	83.7	66.3	0.0	22.1	1.0	2.9
Non-First Nations	475	418	418	397	438	458	458	449	412	389	0	40	2	12
Rate per 100		88.0	88.0	83.6	92.2	96.4	96.4	94.5	86.7	81.9	0.0	8.4	0.4	2.5
All Children	579	510	510	483	538	561	561	552	499	458	0	63	3	15
Rate per 100		88.1	88.1	83.4	92.9	96.9	96.9	95.3	86.2	79.1	0.0	10.9	0.5	2.6
<b>70 - Norman</b>														
First Nations	152	119	119	118	129	151	151	147	120	92	0	34	0	7
Rate per 100		78.3	78.3	77.6	84.9	99.3	99.3	96.7	78.9	60.5	0.0	22.4	0.0	4.6
Non-First Nations	319	265	265	259	271	296	296	297	266	240	0	48	2	13
Rate per 100		83.1	83.1	81.2	85.0	92.8	92.8	93.1	83.4	75.2	0.0	15.0	0.6	4.1
All Children	471	384	384	377	400	447	447	444	386	332	0	82	2	20
Rate per 100		81.5	81.5	80.0	84.9	94.9	94.9	94.3	82.0	70.5	0.0	17.4	0.4	4.2
<b>80 - Burntwood</b>														
First Nations	720	405	404	397	516	687	687	608	403	257	1	20	0	14
Rate per 100		56.3	56.1	55.1	71.7	95.4	95.4	84.4	56.0	35.7	0.1	2.8	0.0	1.9
Non-First Nations	343	262	262	250	303	317	318	310	229	220	1	15	0	10
Rate per 100		76.4	76.4	72.9	88.3	92.4	92.7	90.4	66.8	64.1	0.3	4.4	0.0	2.9
All Children	1,063	667	666	647	819	1,004	1,005	918	632	477	2	35	0	24
Rate per 100		62.7	62.7	60.9	77.0	94.4	94.5	86.4	59.5	44.9	0.2	3.3	0.0	2.3
<b>90 - Churchill</b>														
First Nations	4	3	3	3	2	4	4	4	4	2	0	0	0	0
Rate per 100		75.0	75.0	75.0	50.0	100.0	100.0	100.0	100.0	50.0	0.0	0.0	0.0	0.0
Non-First Nations	12	6	6	6	6	9	9	9	9	5	0	0	0	0
Rate per 100		50.0	50.0	50.0	50.0	75.0	75.0	75.0	75.0	41.7	0.0	0.0	0.0	0.0
All Children	16	9	9	9	8	13	13	13	13	7	0	0	0	0
Rate per 100		56.3	56.3	56.3	50.0	81.3	81.3	81.3	81.3	43.8	0.0	0.0	0.0	0.0

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 17**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>MANITOBA</b>														
First Nations	1,610	495	498	830	1,025	1,309	1,416	1,232	1	67	0	393	4	46
Rate per 100		30.7	30.9	51.6	63.7	81.3	88.0	76.5	0.1	4.2	0.0	24.4	0.2	2.9
Non-First Nations	15,100	10,087	10,110	10,333	12,516	13,720	14,037	13,507	19	647	24	7,228	42	390
Rate per 100		66.8	67.0	68.4	82.9	90.9	93.0	89.5	0.1	4.3	0.2	47.9	0.3	2.6
All Children	16,710	10,582	10,608	11,163	13,541	15,029	15,453	14,739	20	714	24	7,621	46	436
Rate per 100		63.3	63.5	66.8	81.0	89.9	92.5	88.2	0.1	4.3	0.1	45.6	0.3	2.6
<b>10 - Winnipeg</b>														
First Nations	318	102	102	172	212	280	292	260	0	11	0	147	0	8
Rate per 100		32.1	32.1	54.1	66.7	88.1	91.8	81.8	0.0	3.5	0.0	46.2	0.0	2.5
Non-First Nations	8,302	5,123	5,139	5,335	6,655	7,333	7,572	7,168	7	410	17	6,739	25	214
Rate per 100		61.7	61.9	64.3	80.2	88.3	91.2	86.3	0.1	4.9	0.2	81.2	0.3	2.6
All Children	8,620	5,225	5,241	5,507	6,867	7,613	7,864	7,428	7	421	17	6,886	25	222
Rate per 100		60.6	60.8	63.9	79.7	88.3	91.2	86.2	0.1	4.9	0.2	79.9	0.3	2.6
<b>15 - Brandon</b>														
First Nations	36	19	19	23	28	35	35	31	0	0	0	5	1	0
Rate per 100		52.8	52.8	63.9	77.8	97.2	97.2	86.1	0.0	0.0	0.0	13.9	2.8	0.0
Non-First Nations	665	504	504	466	582	618	625	595	3	15	1	17	2	19
Rate per 100		75.8	75.8	70.1	87.5	92.9	94.0	89.5	0.5	2.3	0.2	2.6	0.3	2.9
All Children	701	523	523	489	610	653	660	626	3	15	1	22	3	19
Rate per 100		74.6	74.6	69.8	87.0	93.2	94.2	89.3	0.4	2.1	0.1	3.1	0.4	2.7
<b>20 - North Eastman</b>														
First Nations	126	29	31	56	76	101	110	95	0	7	0	10	0	0
Rate per 100		23.0	24.6	44.4	60.3	80.2	87.3	75.4	0.0	5.6	0.0	7.9	0.0	0.0
Non-First Nations	505	346	346	336	438	481	484	484	1	21	0	49	2	11
Rate per 100		68.5	68.5	66.5	86.7	95.2	95.8	95.8	0.2	4.2	0.0	9.7	0.4	2.2
All Children	631	375	377	392	514	582	594	579	1	28	0	59	2	11
Rate per 100		59.4	59.7	62.1	81.5	92.2	94.1	91.8	0.2	4.4	0.0	9.4	0.3	1.7
<b>25 - South Eastman</b>														
First Nations	3	0	1	1	2	2	3	2	0	0	0	0	0	0
Rate per 100		0.0	33.3	33.3	66.7	66.7	100.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	994	674	675	666	844	951	954	946	2	41	1	58	0	19
Rate per 100		67.8	67.9	67.0	84.9	95.7	96.0	95.2	0.2	4.1	0.1	5.8	0.0	1.9
All Children	997	674	676	667	846	953	957	948	2	41	1	58	0	19
Rate per 100		67.6	67.8	66.9	84.9	95.6	96.0	95.1	0.2	4.1	0.1	5.8	0.0	1.9
<b>30 - Interlake</b>														
First Nations	126	26	26	35	78	111	118	83	0	1	0	11	0	3
Rate per 100		20.6	20.6	27.8	61.9	88.1	93.7	65.9	0.0	0.8	0.0	8.7	0.0	2.4
Non-First Nations	988	699	701	669	869	918	936	909	0	37	1	111	4	35
Rate per 100		70.7	71.0	67.7	88.0	92.9	94.7	92.0	0.0	3.7	0.1	11.2	0.4	3.5
All Children	1,114	725	727	704	947	1,029	1,054	992	0	38	1	122	4	38
Rate per 100		65.1	65.3	63.2	85.0	92.4	94.6	89.0	0.0	3.4	0.1	11.0	0.4	3.4
<b>40 - Central</b>														
First Nations	119	22	22	39	62	73	74	70	0	2	0	14	1	1
Rate per 100		18.5	18.5	32.8	52.1	61.3	62.2	58.8	0.0	1.7	0.0	11.8	0.8	0.8
Non-First Nations	1,491	1,187	1,188	1,168	1,308	1,423	1,428	1,422	0	64	2	60	3	29
Rate per 100		79.6	79.7	78.3	87.7	95.4	95.8	95.4	0.0	4.3	0.1	4.0	0.2	1.9
All Children	1,610	1,209	1,210	1,207	1,370	1,496	1,502	1,492	0	66	2	74	4	30
Rate per 100		75.1	75.2	75.0	85.1	92.9	93.3	92.7	0.0	4.1	0.1	4.6	0.2	1.9
<b>45 - Assiniboine</b>														
First Nations	92	28	28	46	67	77	85	72	0	2	0	13	1	7
Rate per 100		30.4	30.4	50.0	72.8	83.7	92.4	78.3	0.0	2.2	0.0	14.1	1.1	7.6
Non-First Nations	1,009	743	746	807	821	950	969	946	0	21	0	17	4	31
Rate per 100		73.6	73.9	80.0	81.4	94.2	96.0	93.8	0.0	2.1	0.0	1.7	0.4	3.1
All Children	1,101	771	774	853	888	1,027	1,054	1,018	0	23	0	30	5	38
Rate per 100		70.0	70.3	77.5	80.7	93.3	95.7	92.5	0.0	2.1	0.0	2.7	0.5	3.5

## Childhood Immunization Coverage Data By Patient Age

**January 1 - December 31, 2004**

### **Age 17**

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P	Flu
<b>60 - Parkland</b>														
First Nations	83	41	41	63	64	80	82	79	0	5	0	53	0	2
Rate per 100		49.4	49.4	75.9	77.1	96.4	98.8	95.2	0.0	6.0	0.0	63.9	0.0	2.4
Non-First Nations	559	448	448	481	500	520	527	515	2	11	1	50	1	10
Rate per 100		80.1	80.1	86.0	89.4	93.0	94.3	92.1	0.4	2.0	0.2	8.9	0.2	1.8
All Children	642	489	489	544	564	600	609	594	2	16	1	103	1	12
Rate per 100		76.2	76.2	84.7	87.9	93.5	94.9	92.5	0.3	2.5	0.2	16.0	0.2	1.9
<b>70 - Norman</b>														
First Nations	131	49	49	88	106	116	128	113	0	11	0	78	0	8
Rate per 100		37.4	37.4	67.2	80.9	88.5	97.7	86.3	0.0	8.4	0.0	59.5	0.0	6.1
Non-First Nations	295	200	200	228	273	278	283	276	4	12	0	98	0	9
Rate per 100		67.8	67.8	77.3	92.5	94.2	95.9	93.6	1.4	4.1	0.0	33.2	0.0	3.1
All Children	426	249	249	316	379	394	411	389	4	23	0	176	0	17
Rate per 100		58.5	58.5	74.2	89.0	92.5	96.5	91.3	0.9	5.4	0.0	41.3	0.0	4.0
<b>80 - Burntwood</b>														
First Nations	575	179	179	306	329	433	488	426	1	28	0	62	1	17
Rate per 100		31.1	31.1	53.2	57.2	75.3	84.9	74.1	0.2	4.9	0.0	10.8	0.2	3.0
Non-First Nations	280	154	154	167	216	238	248	236	0	15	1	29	1	12
Rate per 100		55.0	55.0	59.6	77.1	85.0	88.6	84.3	0.0	5.4	0.4	10.4	0.4	4.3
All Children	855	333	333	473	545	671	736	662	1	43	1	91	2	29
Rate per 100		38.9	38.9	55.3	63.7	78.5	86.1	77.4	0.1	5.0	0.1	10.6	0.2	3.4
<b>90 - Churchill</b>														
First Nations	1	0	0	1	1	1	1	1	0	0	0	0	0	0
Rate per 100		0.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	10	10	10	11	10	0	0	0	0	0	1
Rate per 100		75.0	75.0	83.3	83.3	83.3	91.7	83.3	0.0	0.0	0.0	0.0	0.0	8.3
All Children	13	9	9	11	11	11	12	11	0	0	0	0	0	1
Rate per 100		69.2	69.2	84.6	84.6	84.6	92.3	84.6	0.0	0.0	0.0	0.0	0.0	7.7

## 4. Childhood Immunization Coverage Reports, January 1, 2004 – December 31, 2004

### 4.3 Coverage Based on Health Registration – Per cent Complete for Age

- Manitoba
- By RHA

#### Notes:

A client considered "complete for age" has received all of the doses of each vaccine recommended for his/her age. For vaccines considered in "complete for age" see section 2, "Description of Criteria for MIMS Annual Reports."

Continuous Health Registration – reflects clients who have been registered with Manitoba Health for benefits, without interruption, since birth. Non-continuous Health Registration – reflects clients who, if born in Manitoba moved out for a period and then returned, or clients who were born outside of Manitoba and moved into the province (i.e., interrupted health benefit registration).

Coverage rate calculation methods allow for rates that may exceed 100 per cent, particularly when populations are small. This is because the population (i.e., denominator) is assigned using June data within the calendar year, while the MIMS data are from April following the end of the calendar year.

### Childhood Immunization Coverage Report Based on Health Registration January 1 - December 31, 2004

Age	No. of Children	Children Complete for Age	Rate per 100 Children	Continuous Health Registration			Non-Continuous Health Registration			
				No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	
<b>MANITOBA</b>										
1	First Nations	2,046	1,251	61.1	2,029	1,247	61.5	17	4	23.5
	Non-First Nations	12,092	10,015	82.8	11,518	9,793	85.0	574	222	38.7
	All 1 Year Olds	14,138	11,266	79.7	13,547	11,040	81.5	591	226	38.2
2	First Nations	2,033	977	48.1	2,009	972	48.4	24	5	20.8
	Non-First Nations	12,175	8,577	70.4	11,222	8,322	74.2	953	255	26.8
	All 2 Year Olds	14,208	9,554	67.2	13,231	9,294	70.2	977	260	26.6
7	First Nations	1,832	853	46.6	1,747	833	47.7	85	20	23.5
	Non-First Nations	13,309	8,928	67.1	11,077	8,338	75.3	2,232	590	26.4
	All 7 Year Olds	15,141	9,781	64.6	12,824	9,171	71.5	2,317	610	26.3
11	First Nations	2,008	544	27.1	1,880	522	27.8	128	22	17.2
	Non-First Nations	14,987	9,213	61.5	11,908	8,246	69.2	3,079	967	31.4
	All 11 Year Olds	16,995	9,757	57.4	13,788	8,768	63.6	3,207	989	30.8
17	First Nations	1,610	360	22.4	1,486	337	22.7	124	23	18.5
	Non-First Nations	15,100	8,287	54.9	11,473	7,257	63.3	3,627	1,030	28.4
	All 17 Year Olds	16,710	8,647	51.7	12,959	7,594	58.6	3,751	1,053	28.1
<b>10 - Winnipeg</b>										
1	First Nations	492	328	66.7	484	326	67.4	8	2	25.0
	Non-First Nations	6,739	5,567	82.6	6,435	5,511	85.6	304	56	18.4
	All 1 Year Olds	7,231	5,895	81.5	6,919	5,837	84.4	312	58	18.6
2	First Nations	458	226	49.3	445	223	50.1	13	3	23.1
	Non-First Nations	6,808	4,791	70.4	6,268	4,706	75.1	540	85	15.7
	All 2 Year Olds	7,266	5,017	69.0	6,713	4,929	73.4	553	88	15.9
7	First Nations	424	201	47.4	396	193	48.7	28	8	28.6
	Non-First Nations	7,371	4,413	59.9	6,097	4,247	69.7	1,274	166	13.0
	All 7 Year Olds	7,795	4,614	59.2	6,493	4,440	68.4	1,302	174	13.4
11	First Nations	438	135	30.8	391	132	33.8	47	3	6.4
	Non-First Nations	8,225	4,832	58.7	6,445	4,348	67.5	1,780	484	27.2
	All 11 Year Olds	8,663	4,967	57.3	6,836	4,480	65.5	1,827	487	26.7
17	First Nations	318	70	22.0	282	67	23.8	36	3	8.3
	Non-First Nations	8,302	4,071	49.0	6,079	3,508	57.7	2,223	563	25.3
	All 17 Year Olds	8,620	4,141	48.0	6,361	3,575	56.2	2,259	566	25.1

# Childhood Immunization Coverage Report Based on Health Registration

**January 1 - December 31, 2004**

Age	No. of Children	Children Complete for Age	Rate per 100 Children	Continuous Health Registration			Non-Continuous Health Registration		
				No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
<b>15 - Brandon</b>									
1	First Nations	46	30	65.2	46	30	65.2	0	0
	Non-First Nations	578	492	85.1	547	480	87.8	31	12
	All 1 Year Olds	624	522	83.7	593	510	86.0	31	12
2	First Nations	62	25	40.3	62	25	40.3	0	0
	Non-First Nations	566	397	70.1	510	378	74.1	56	19
	All 2 Year Olds	628	422	67.2	572	403	70.5	56	19
7	First Nations	43	15	34.9	41	14	34.1	2	1
	Non-First Nations	549	425	77.4	432	367	85.0	117	58
	All 7 Year Olds	592	440	74.3	473	381	80.5	119	59
11	First Nations	45	14	31.1	40	13	32.5	5	1
	Non-First Nations	600	405	67.5	436	338	77.5	164	67
	All 11 Year Olds	645	419	65.0	476	351	73.7	169	68
17	First Nations	36	15	41.7	28	12	42.9	8	3
	Non-First Nations	665	422	63.5	483	356	73.7	182	66
	All 17 Year Olds	701	437	62.3	511	368	72.0	190	69
<b>20 - North Eastman</b>									
1	First Nations	160	85	53.1	159	85	53.5	1	0
	Non-First Nations	315	260	82.5	305	253	83.0	10	7
	All 1 Year Olds	475	345	72.6	464	338	72.8	11	7
2	First Nations	151	58	38.4	149	58	38.9	2	0
	Non-First Nations	319	225	70.5	302	218	72.2	17	7
	All 2 Year Olds	470	283	60.2	451	276	61.2	19	7
7	First Nations	149	63	42.3	145	61	42.1	4	2
	Non-First Nations	367	270	73.6	334	258	77.2	33	12
	All 7 Year Olds	516	333	64.5	479	319	66.6	37	14
11	First Nations	166	34	20.5	161	33	20.5	5	1
	Non-First Nations	522	344	65.9	454	326	71.8	68	18
	All 11 Year Olds	688	378	54.9	615	359	58.4	73	19
17	First Nations	126	19	15.1	122	18	14.8	4	1
	Non-First Nations	505	274	54.3	432	245	56.7	73	29
	All 17 Year Olds	631	293	46.4	554	263	47.5	77	30
<b>25 - South Eastman</b>									
1	First Nations	5	5	100.0	5	5	100.0	0	0
	Non-First Nations	816	682	83.6	770	652	84.7	46	30
	All 1 Year Olds	821	687	83.7	75	657	84.8	46	30
2	First Nations	14	7	50.0	14	7	50.0	0	0
	Non-First Nations	848	608	71.7	757	568	75.0	91	40
	All 2 Year Olds	862	615	71.3	771	575	74.6	91	40
7	First Nations	4	3	75.0	4	3	75.0	0	0
	Non-First Nations	945	705	74.6	754	623	82.6	191	82
	All 7 Year Olds	949	708	74.6	758	626	82.6	191	82
11	First Nations	4	0	0.0	3	0	0.0	1	0
	Non-First Nations	1,041	697	67.0	794	591	74.4	247	106
	All 11 Year Olds	1,045	697	66.7	797	591	74.2	248	106
17	First Nations	3	0	0.0	1	0	0.0	2	0
	Non-First Nations	994	532	53.5	749	458	61.1	245	74
	All 17 Year Olds	997	532	53.4	750	458	61.1	247	74
<b>30 - Interlake</b>									
1	First Nations	123	84	68.3	122	84	68.9	1	0
	Non-First Nations	672	565	84.1	640	550	85.9	32	15
	All 1 Year Olds	795	649	81.6	762	634	83.2	33	15
2	First Nations	139	78	56.1	137	77	56.2	2	1
	Non-First Nations	708	481	67.9	672	472	70.2	36	9
	All 2 Year Olds	847	559	66.0	809	549	67.9	38	10
7	First Nations	128	76	59.4	123	75	61.0	5	1
	Non-First Nations	855	606	70.9	746	570	76.4	109	36
	All 7 Year Olds	983	682	69.4	869	645	74.2	114	37
11	First Nations	168	41	24.4	165	41	24.8	3	0
	Non-First Nations	994	589	59.3	850	560	65.9	144	29
	All 11 Year Olds	1,162	630	54.2	1,015	601	59.2	147	29
17	First Nations	126	16	12.7	119	15	12.6	7	1
	Non-First Nations	988	563	57.0	844	522	61.8	144	41
	All 17 Year Olds	1,114	579	52.0	963	537	55.8	151	42

# Childhood Immunization Coverage Report Based on Health Registration

**January 1 - December 31, 2004**

Age	No. of Children	Children Complete for Age	Rate per 100 Children	Continuous Health Registration			Non-Continuous Health Registration		
				No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
<b>40 - Central</b>									
1	First Nations	149	73	49.0	149	73	49.0	0	0
	Non-First Nations	1,326	1,046	78.9	1,257	1,006	80.0	69	40
	All 1 Year Olds	1,475	1,119	75.9	1,406	1,079	76.7	69	40
2	First Nations	150	58	38.7	149	58	38.9	1	0
	Non-First Nations	1,316	891	67.7	1,224	852	69.6	92	39
	All 2 Year Olds	1,466	949	64.7	1,373	910	66.3	93	39
7	First Nations	141	37	26.2	139	37	26.6	2	0
	Non-First Nations	1,440	1,092	75.8	1,198	998	83.3	242	94
	All 7 Year Olds	1,581	1,129	71.4	1,337	1,035	77.4	244	94
11	First Nations	122	19	15.6	112	16	14.3	10	3
	Non-First Nations	1,557	979	62.9	1,245	863	69.3	312	116
	All 11 Year Olds	1,679	998	59.4	1,357	879	64.8	322	119
17	First Nations	119	18	15.1	111	18	16.2	8	0
	Non-First Nations	1,491	1,035	69.4	1,198	935	78.0	293	100
	All 17 Year Olds	1,610	1,053	65.4	1,309	953	72.8	301	100
<b>45 - Assiniboine</b>									
1	First Nations	62	41	66.1	58	40	69.0	4	1
	Non-First Nations	662	581	78	622	553	88.9	40	28
	All 1 Year Olds	724	622	65.9	680	593	87.2	44	29
2	First Nations	77	40	51.9	76	39	51.3	1	1
	Non-First Nations	628	467	74.4	577	443	76.8	51	24
	All 2 Year Olds	705	507	71.9	653	482	73.8	52	25
7	First Nations	70	16	22.9	54	15	27.8	16	1
	Non-First Nations	760	625	82.2	639	564	88.3	121	61
	All 7 Year Olds	830	641	77.2	693	579	83.5	137	62
11	First Nations	85	21	24.7	66	15	22.7	19	6
	Non-First Nations	899	639	71.1	763	585	76.7	136	54
	All 11 Year Olds	984	660	67.1	829	600	72.4	155	60
17	First Nations	92	27	29.3	72	23	31.9	20	4
	Non-First Nations	1,009	645	63.9	812	597	73.5	197	48
	All 17 Year Olds	1,101	672	61.0	884	620	70.1	217	52
<b>60 - Parkland</b>									
1	First Nations	111	86	77.5	110	86	78.2	1	0
	Non-First Nations	397	345	86.9	381	333	87.4	16	12
	All 1 Year Olds	508	431	84.8	491	419	85.3	17	12
2	First Nations	85	52	61.2	85	52	61.2	0	0
	Non-First Nations	420	321	76.4	333	308	78.4	27	13
	All 2 Year Olds	505	373	73.9	478	360	75.3	27	13
7	First Nations	96	74	77.1	90	71	78.9	6	3
	Non-First Nations	445	358	80.4	377	321	85.1	68	37
	All 7 Year Olds	541	432	79.9	467	392	83.9	74	40
11	First Nations	104	57	54.8	93	52	55.9	11	5
	Non-First Nations	475	335	70.5	382	292	76.4	93	43
	All 11 Year Olds	579	392	67.7	475	344	72.4	104	48
17	First Nations	83	30	36.1	72	26	36.1	11	4
	Non-First Nations	559	419	75.0	447	368	82.3	112	51
	All 17 Year Olds	642	449	69.9	519	394	75.9	123	55
<b>70 - Norman</b>									
1	First Nations	159	105	66.0	159	105	66.0	0	0
	Non-First Nations	259	204	78.8	249	201	80.7	10	3
	All 1 Year Olds	418	309	73.9	408	306	75.0	10	3
2	First Nations	174	102	58.6	172	102	59.3	2	0
	Non-First Nations	258	187	72.5	242	179	74.0	16	8
	All 2 Year Olds	432	289	66.9	414	281	67.9	18	8
7	First Nations	147	94	63.9	141	94	66.7	6	0
	Non-First Nations	280	231	82.5	233	200	85.8	47	31
	All 7 Year Olds	427	325	76.1	374	294	78.6	53	31
11	First Nations	152	72	47.4	142	70	49.3	10	2
	Non-First Nations	319	210	65.8	260	186	71.5	59	24
	All 11 Year Olds	471	282	59.9	402	256	63.7	69	26
17	First Nations	131	46	35.1	119	42	35.3	12	4
	Non-First Nations	295	186	63.1	216	150	69.4	79	36
	All 17 Year Olds	426	232	54.5	335	192	57.3	91	40

## Childhood Immunization Coverage Report Based on Health Registration

**January 1 - December 31, 2004**

Age	No. of Children	Children Complete for Age	Rate per 100 Children	Continuous Health Registration			Non-Continuous Health Registration			
				No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	
<b>80 - Burntwood</b>										
1	First Nations	735	410	55.8	733	409	55.8	2	1	50.0
	Non-First Nations	321	265	82.6	305	246	80.7	16	19	118.8
	All 1 Year Olds	1,056	675	63.9	1,038	655	63.1	18	20	111.1
2	First Nations	720	328	45.6	717	328	45.7	3	0	0.0
	Non-First Nations	286	194	67.8	262	184	70.2	24	10	41.7
	All 2 Year Olds	1,006	522	51.9	979	512	52.3	27	10	37.0
7	First Nations	624	270	43.3	608	266	43.8	16	4	25.0
	Non-First Nations	285	194	68.1	256	181	70.7	29	13	44.8
	All 7 Year Olds	909	464	51.0	864	447	51.7	45	17	37.8
11	First Nations	720	149	20.7	703	148	21.1	17	1	5.9
	Non-First Nations	343	179	52.2	274	154	56.2	69	25	36.2
	All 11 Year Olds	1,063	328	30.9	977	302	30.9	86	26	30.2
17	First Nations	575	119	20.7	559	116	20.8	16	3	18.8
	Non-First Nations	280	131	46.8	205	111	54.1	75	20	26.7
	All 17 Year Olds	855	250	29.2	764	227	29.7	91	23	25.3
<b>90 - Churchill</b>										
1	First Nations	4	4	100.0	4	4	100.0	0	0	0.0
	Non-First Nations	7	8	114.3	7	8	114.3	0	0	0.0
	All 1 Year Olds	11	12	109.1	11	12	109.1	0	0	0.0
2	First Nations	3	3	100.0	3	3	100.0	0	0	0.0
	Non-First Nations	18	15	83.3	15	14	93.3	3	1	33.3
	All 2 Year Olds	21	18	85.7	18	17	94.4	3	1	33.3
7	First Nations	6	4	66.7	6	4	66.7	0	0	0.0
	Non-First Nations	12	9	75.0	11	9	81.8	1	0	0.0
	All 7 Year Olds	18	13	72.2	17	13	76.5	1	0	0.0
11	First Nations	4	2	50.0	4	2	50.0	0	0	0.0
	Non-First Nations	12	4	33.3	5	3	60.0	7	1	14.3
	All 11 Year Olds	16	6	37.5	9	5	55.6	7	1	14.3
17	First Nations	1	0	0.0	1	0	0.0	0	0	0.0
	Non-First Nations	12	9	75.0	8	7	87.5	4	2	50.0
	All 17 Year Olds	13	9	69.2	9	7	77.8	4	2	50.0

## 5. Childhood Immunization Coverage Reports, Complete for Age Based on Health Registration – Summary: 2002, 2003, 2004

### Notes:

The methodology for defining "complete for age" has been refined in the 2004 MIMS annual report. For this reason, data presented here for 2002 and 2003 may not mirror the corresponding annual reports. This difference reflects the inclusion of the requirement for three doses of hepatitis B vaccine for children at age 11.

### Childhood Immunization Coverage Report 2002-2004 Complete for Age (CFA) based on Health Registration

Age	2002			2003			2004			
	No. of Children	Health Registration Continuous	Non-Continuous	No. of Children	Health Registration Continuous	Non-Continuous	No. of Children	Health Registration Continuous	Non-Continuous	
<b>MANITOBA</b>										
1	CFA	11,778	11,501	277	11,733	11,498	235	11,266	11,040	226
	Population	14,113	13,512	601	13,779	13,324	455	14,138	13,547	591
	Rate per 100	83.5	85.1	46.1	85.2	86.3	51.6	79.7	81.5	38.2
2	CFA	10,346	10,090	256	10,364	10,071	293	9,554	9,294	260
	Population	14,273	13,360	913	14,214	13,291	923	14,208	13,231	977
	Rate per 100	72.5	75.5	28.0	72.9	75.8	31.7	67.2	70.2	26.6
7	CFA	11,283	10,437	846	10,741	9,981	760	9,782	9,171	611
	Population	16,293	14,037	2,256	15,505	13,252	2,253	15,141	12,824	2,317
	Rate per 100	69.3	74.4	37.5	69.3	75.3	33.7	64.6	71.5	26.4
11	CFA	9,353	8,316	1,037	9,545	8,486	1,059	9,757	8,768	989
	Population	17,299	14,150	3,149	16,648	13,660	2,988	16,995	13,788	3,207
	Rate per 100	54.1	58.8	32.9	57.3	62.1	35.4	57.4	63.6	30.8
17	CFA	8,119	6,978	1,141	8,118	7,074	1,044	8,647	7,594	1,053
	Population	16,694	12,816	3,878	16,708	12,882	3,826	16,710	12,959	3,751
	Rate per 100	48.6	54.4	29.4	48.6	54.9	27.3	51.7	58.6	28.1
<b>10 - Winnipeg</b>										
1	CFA	6,016	5,919	97	6,150	6,078	72	5,895	5,837	58
	Population	7,413	7,081	332	7,144	6,890	254	7,231	6,919	312
	Rate per 100	81.2	83.6	29.2	86.1	88.2	28.3	81.5	84.4	18.6
2	CFA	5,342	5,255	87	5,471	5,387	84	5,017	4,929	88
	Population	7,473	6,958	515	7,416	6,913	503	7,266	6,713	553
	Rate per 100	71.5	75.5	16.9	73.8	77.9	16.7	69.0	73.4	15.9
7	CFA	5,517	5,134	383	5,513	5,179	334	4,615	4,440	175
	Population	8,524	7,221	1,303	8,137	6,834	1,303	7,795	6,493	1,302
	Rate per 100	64.7	71.1	29.4	67.8	75.8	25.6	59.2	68.4	13.4
11	CFA	4,795	4,228	567	5,029	4,479	550	4,967	4,480	487
	Population	8,819	7,013	1,806	8,651	6,957	1,694	8,663	6,836	1,827
	Rate per 100	54.4	60.3	31.4	58.1	64.4	32.5	57.3	65.5	26.7
17	CFA	3,626	3,007	619	3,717	3,169	548	4,141	3,575	566
	Population	8,531	6,151	2,380	8,534	6,266	2,268	8,620	6,361	2,259
	Rate per 100	42.5	48.9	26.0	43.6	50.6	24.2	48.0	56.2	25.1
<b>15 - Brandon</b>										
1	CFA	450	435	15	510	493	17	522	510	12
	Population	548	512	36	594	562	32	624	593	31
	Rate per 100	82.1	85.0	41.7	85.9	87.7	53.1	83.7	86.0	38.7
2	CFA	401	391	10	419	403	16	422	403	19
	Population	581	528	53	562	511	51	628	572	56
	Rate per 100	69.0	74.1	18.9	74.6	78.9	31.4	67.2	70.5	33.9
7	CFA	462	397	65	490	422	68	440	381	59
	Population	648	520	128	631	512	119	592	473	119
	Rate per 100	71.3	76.3	50.8	77.7	82.4	57.1	74.3	80.5	49.6
11	CFA	368	326	42	385	327	58	419	351	68
	Population	690	521	169	614	461	153	645	476	169
	Rate per 100	53.3	62.6	24.9	62.7	70.9	37.9	65.0	73.7	40.2
17	CFA	409	342	67	366	324	42	437	368	69
	Population	719	527	192	673	509	164	701	511	190
	Rate per 100	56.9	64.9	34.9	54.4	63.7	25.6	62.3	72.0	36.3

## Childhood Immunization Coverage Report 2002-2004 Complete for Age (CFA) based on Health Registration

Age	2002			2003			2004			
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	
<b>20 - North Eastman</b>										
1	CFA	481	469	12	363	360	3	345	338	7
	Population	506	489	17	466	455	11	475	464	11
	Rate per 100	95.1	95.9	70.6	77.9	79.1	27.3	72.6	72.8	63.6
2	CFA	388	381	7	330	324	6	283	276	7
	Population	486	474	12	468	459	9	470	451	19
	Rate per 100	79.8	80.4	58.3	70.5	70.6	66.7	60.2	61.2	36.8
7	CFA	436	414	22	345	316	29	333	319	14
	Population	577	540	37	554	502	52	516	479	37
	Rate per 100	75.6	76.7	59.5	62.3	62.9	55.8	64.5	66.6	37.8
11	CFA	337	306	31	352	310	42	378	359	19
	Population	665	589	76	656	574	82	688	615	73
	Rate per 100	50.7	52.0	40.8	53.7	54.0	51.2	54.9	58.4	26.0
17	CFA	361	324	37	310	270	40	293	263	30
	Population	684	581	103	628	539	89	631	554	77
	Rate per 100	52.8	55.8	35.9	49.4	50.1	44.9	46.4	47.5	39.0
<b>25 - South Eastman</b>										
1	CFA	690	658	32	719	683	36	687	657	30
	Population	805	760	45	793	763	30	821	775	46
	Rate per 100	85.7	86.6	71.1	90.7	89.5	120.0	83.7	84.8	65.2
2	CFA	601	573	28	671	623	48	615	575	40
	Population	796	724	72	832	761	71	862	771	91
	Rate per 100	75.5	79.1	38.9	80.6	81.9	67.6	71.3	74.6	44.0
7	CFA	732	659	73	672	600	72	708	626	82
	Population	957	789	168	911	732	179	949	758	191
	Rate per 100	76.5	83.5	43.5	73.8	82.0	40.2	74.6	82.6	42.9
11	CFA	600	532	68	596	523	73	697	591	106
	Population	1,011	809	202	937	731	206	1,045	797	248
	Rate per 100	59.3	65.8	33.7	63.6	71.5	35.4	66.7	74.2	42.7
17	CFA	521	469	52	492	435	57	532	458	74
	Population	915	754	161	982	739	243	997	750	247
	Rate per 100	56.9	62.2	32.3	50.1	58.9	23.5	53.4	61.1	30.0
<b>30 - Interlake</b>										
1	CFA	769	757	12	678	664	14	649	634	15
	Population	813	792	21	785	770	15	795	762	33
	Rate per 100	94.6	95.6	57.1	86.4	86.2	93.3	81.6	83.2	45.5
2	CFA	665	660	5	608	601	7	559	549	10
	Population	812	777	35	835	803	32	847	809	38
	Rate per 100	81.9	84.9	14.3	72.8	74.8	21.9	66.0	67.9	26.3
7	CFA	842	803	39	699	671	28	682	645	37
	Population	1,092	988	104	1,004	920	84	983	869	114
	Rate per 100	77.1	81.3	37.5	69.6	72.9	33.3	69.4	74.2	32.5
11	CFA	651	616	35	620	576	44	630	601	29
	Population	1,176	1,047	129	1,113	979	134	1,162	1,015	147
	Rate per 100	55.4	58.8	27.1	55.7	58.8	32.8	54.2	59.2	19.7
17	CFA	571	515	56	612	558	54	579	537	42
	Population	1,159	966	193	1,170	990	180	1,114	963	151
	Rate per 100	49.3	53.3	29.0	52.3	56.4	30.0	52.0	55.8	27.8
<b>40 - Central</b>										
1	CFA	1,181	1,131	50	1,138	1,108	30	1,119	1,079	40
	Population	1,384	1,326	58	1,400	1,349	51	1,475	1,406	69
	Rate per 100	85.3	85.3	86.2	81.3	82.1	58.8	75.9	76.7	58.0
2	CFA	1,080	1,033	47	1,036	971	65	949	910	39
	Population	1,434	1,337	97	1,415	1,302	113	1,466	1,373	93
	Rate per 100	75.3	77.3	48.5	73.2	74.6	57.5	64.7	66.3	41.9
7	CFA	1,159	1,060	99	1,071	974	97	1,129	1,035	94
	Population	1,545	1,340	205	1,464	1,250	214	1,581	1,337	244
	Rate per 100	75.0	79.1	48.3	73.2	77.9	45.3	71.4	77.4	38.5
11	CFA	1,012	887	125	984	851	133	998	879	119
	Population	1,746	1,436	310	1,594	1,299	295	1,679	1,357	322
	Rate per 100	58.0	61.8	40.3	61.7	65.5	45.1	59.4	64.8	37.0
17	CFA	1,061	939	122	1,051	938	113	1,053	953	100
	Population	1,666	1,357	309	1,665	1,334	331	1,610	1,309	301
	Rate per 100	63.7	69.2	39.5	63.1	70.3	34.1	65.4	72.8	33.2

## Childhood Immunization Coverage Report 2002 - 2004 Complete for Age (CFA) based on Health Registration

Age	2002			2003			2004			
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	
<b>45 - Assiniboine</b>										
1	CFA	636	620	16	612	587	25	622	593	29
	Population	692	665	27	684	659	25	724	680	44
	Rate per 100	91.9	93.2	59.3	89.5	89.1	100.0	85.9	87.2	65.9
2	CFA	572	547	25	561	542	19	507	482	25
	Population	715	669	46	695	649	46	705	653	52
	Rate per 100	80.0	81.8	54.3	80.7	83.5	41.3	71.9	73.8	48.1
7	CFA	703	644	59	650	601	49	641	579	62
	Population	864	755	109	838	712	126	830	693	137
	Rate per 100	81.4	85.3	54.1	77.6	84.4	38.9	77.2	83.5	45.3
11	CFA	610	554	56	668	609	59	660	600	60
	Population	1,015	848	167	995	837	158	984	829	155
	Rate per 100	60.1	65.3	33.5	67.1	72.8	37.3	67.1	72.4	38.7
17	CFA	673	608	65	658	606	52	672	620	52
	Population	1,051	861	190	1,098	893	205	1,101	884	217
	Rate per 100	64.0	70.6	34.2	59.9	67.9	25.4	61.0	70.1	24.0
<b>60 - Parkland</b>										
1	CFA	451	431	20	454	432	22	431	419	12
	Population	468	442	26	489	472	17	508	491	17
	Rate per 100	96.4	97.5	76.9	92.8	91.5	129.4	84.8	85.3	70.6
2	CFA	445	418	27	391	367	24	373	360	13
	Population	502	472	30	494	459	35	505	478	27
	Rate per 100	88.6	88.6	90.0	79.1	80.0	68.6	73.9	75.3	48.1
7	CFA	491	441	50	438	399	39	432	392	40
	Population	553	467	86	556	479	77	541	467	74
	Rate per 100	88.8	94.4	58.1	78.8	83.3	50.6	79.9	83.9	54.1
11	CFA	442	392	50	413	367	46	392	344	48
	Population	640	523	117	598	484	114	579	475	104
	Rate per 100	69.1	75.0	42.7	69.1	75.8	40.4	67.7	72.4	46.2
17	CFA	444	390	54	439	375	64	449	394	55
	Population	644	516	128	651	519	132	642	519	123
	Rate per 100	68.9	75.6	42.2	67.4	72.3	48.5	69.9	75.9	44.7
<b>70 - Norman</b>										
1	CFA	334	323	11	366	361	5	309	306	3
	Population	422	404	18	418	410	8	418	408	10
	Rate per 100	79.1	80.0	61.1	87.6	88.0	62.5	73.9	75.0	30.0
2	CFA	302	290	12	298	285	13	289	281	8
	Population	442	410	32	435	408	27	432	414	18
	Rate per 100	68.3	70.7	37.5	68.5	69.9	48.1	66.9	67.9	44.4
7	CFA	361	326	35	330	305	25	325	294	31
	Population	456	402	54	428	374	54	427	374	53
	Rate per 100	79.2	81.1	64.8	77.1	81.6	46.3	76.1	78.6	58.5
11	CFA	263	230	33	274	237	37	282	256	26
	Population	467	391	76	446	364	82	471	402	69
	Rate per 100	56.3	58.8	43.4	61.4	65.1	45.1	59.9	63.7	37.7
17	CFA	222	179	43	225	183	42	232	192	40
	Population	446	338	108	429	317	112	426	335	91
	Rate per 100	49.8	53.0	39.8	52.4	57.7	37.5	54.5	57.3	44.0
<b>80 - Burntwood</b>										
1	CFA	756	745	11	724	715	9	675	655	20
	Population	1,038	1,018	20	984	974	10	1,056	1,038	18
	Rate per 100	72.8	73.2	55.0	73.6	73.4	90.0	63.9	63.1	111.1
2	CFA	540	533	7	563	553	10	522	512	10
	Population	1,015	996	19	1,041	1,008	33	1,006	979	27
	Rate per 100	53.2	53.5	36.8	54.1	54.9	30.3	51.9	52.3	37.0
7	CFA	566	549	17	515	497	18	464	447	17
	Population	1,055	996	59	964	922	42	909	864	45
	Rate per 100	53.6	55.1	28.8	53.4	53.9	42.9	51.0	51.7	37.8
11	CFA	272	242	30	218	202	16	328	302	26
	Population	1,056	963	93	1,025	960	65	1,063	977	86
	Rate per 100	25.8	25.1	32.3	21.3	21.0	24.6	30.9	30.9	30.2
17	CFA	227	202	25	244	214	30	250	227	23
	Population	870	761	109	864	769	95	855	764	91
	Rate per 100	26.1	26.5	22.9	28.2	27.8	31.6	29.2	29.7	25.3

## Childhood Immunization Coverage Report 2002-2004 Complete for Age (CFA) based on Health Registration

Age	2002			2003			2004			
	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	No. of Children	Continuous	Non-Continuous	
<b>90 - Churchill</b>										
1	CFA	14	13	1	19	17	2	12	12	0
	Population	24	23	1	22	20	2	11	11	0
	Rate per 100	58.3	56.5	100.0	86.4	85.0	100.0	109.1	109.1	0.0
2	CFA	10	9	1	16	15	1	18	17	1
	Population	17	15	2	21	18	3	21	18	3
	Rate per 100	58.8	60.0	50.0	76.2	83.3	33.3	85.7	94.4	33.3
7	CFA	14	10	4	18	17	1	13	13	0
	Population	22	19	3	18	15	3	18	17	1
	Rate per 100	63.6	52.6	133.3	100.0	113.3	33.3	72.2	76.5	0.0
11	CFA	3	3	0	6	5	1	6	5	1
	Population	14	10	4	19	14	5	16	9	7
	Rate per 100	21.4	30.0	0.0	31.6	35.7	20.0	37.5	55.6	14.3
17	CFA	4	3	1	4	2	2	9	7	2
	Population	9	4	5	14	7	7	13	9	4
	Rate per 100	44.4	75.0	20.0	28.6	28.6	28.6	69.2	77.8	50.0

## 6. Childhood Vaccine Doses Administered, by Provider Type, by Provider Location, January 1, 2004 – December 31, 2004

- Manitoba
- By RHA

### Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2004 – December 31, 2004, as entered into MIMS by April 4, 2005.

"First Nations /Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

### Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2004

Provider	DaPTP	DaPTP/ HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>MANITOBA</b>											
Public Health Nurse											
First Nations	279	1,056	27	597	1,566	31	280	213	170	481	
Non-First Nations	2,921	9,218	145	5,817	34,860	429	9,555	2,619	1,800	6,530	
Total	3,200	10,274	172	6,414	36,426	460	9,835	2,832	1,970	7,011	78,594
Percentage of Doses Administered											39.5%
Physician											
First Nations	190	1,717	15	639	54	62	17	29	362	632	
Non-First Nations	6,278	32,856	563	16,142	1,843	4,326	928	3,701	12,451	19,475	
Total	6,468	34,573	578	16,781	1,897	4,388	945	3,730	12,813	20,107	102,280
Percentage of Doses Administered											51.4%
First Nation/Tribal Council											
First Nations	894	3,879	92	1,977	2,027	40	575	46	571	1,107	
Non-First Nations	169	782	22	388	419	11	99	19	117	260	
Total	1,063	4,661	114	2,365	2,446	51	674	65	688	1,367	13,494
Percentage of Doses Administered											6.8%
Other											
First Nations	68	378	69	188	136	9	55	2	63	203	
Non-First Nations	153	699	332	407	480	35	193	27	186	921	
Total	221	1,077	401	595	616	44	248	29	249	1,124	4,604
Percentage of Doses Administered											2.3%
Total for MANITOBA	10,952	50,585	1,265	26,155	41,385	4,943	11,702	6,656	15,720	29,609	198,972
10 - Winnipeg											
Public Health Nurse											
First Nations	16	12	0	31	603	0	62	0	1	45	
Non-First Nations	106	62	10	193	18,922	2	4,485	30	10	702	
Total	122	74	10	224	19,525	2	4,547	30	11	747	25,292
Percentage of Doses Administered											21.9%
Physician											
First Nations	162	1,395	14	546	54	57	15	26	301	538	
Non-First Nations	5,180	26,829	501	13,496	1,757	3,870	897	3,463	10,660	16,962	
Total	5,342	28,224	515	14,042	1,811	3,927	912	3,489	10,961	17,500	86,723
Percentage of Doses Administered											75.1%
Other											
First Nations	64	355	27	172	118	9	55	2	61	196	
Non-First Nations	125	546	118	314	350	27	177	14	151	565	
Total	189	901	145	486	468	36	232	16	212	761	3,446
Percentage of Doses Administered											3.0%
Total for 10 - Winnipeg	5,653	29,199	670	14,752	21,804	3,965	5,691	3,535	11,184	19,008	115,461

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2004

Provider	DaPTP	DaPTP/ HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>15 - Brandon</b>											
Public Health Nurse											
First Nations	16	99	0	41	77	0	21	29	23	42	
Non-First Nations	77	559	3	268	1,453	21	507	480	201	550	
Total	93	658	3	309	1,530	21	528	509	224	592	4,467
Percentage of Doses Administered											48.8%
Physician											
First Nations	9	100	0	20	0	2	0	2	27	29	
Non-First Nations	303	1,835	8	737	7	163	7	117	644	658	
Total	312	1,935	8	757	7	165	7	119	671	687	4,668
Percentage of Doses Administered											51.0%
Other											
First Nations	0	1	3	2	0	0	0	0	0	0	
Non-First Nations	3	3	12	2	0	0	0	0	0	0	
Total	3	4	15	4	0	0	0	0	0	0	26
Percentage of Doses Administered											0.3%
Total for 15 - Brandon	408	2,597	26	1,070	1,537	186	535	628	895	1,279	9,161
<b>20 - North Eastman</b>											
Public Health Nurse											
First Nations	14	63	5	49	42	0	17	13	9	49	
Non-First Nations	122	268	32	247	1,200	14	442	356	58	344	
Total	136	331	37	296	1,242	14	459	369	67	393	3,344
Percentage of Doses Administered											87.8%
Physician											
First Nations	0	1	0	0	0	0	0	0	0	2	
Non-First Nations	45	135	6	80	14	8	3	2	16	99	
Total	45	136	6	80	14	8	3	2	16	101	411
Percentage of Doses Administered											10.8%
First Nation/Tribal Council											
First Nations	0	5	0	0	26	0	0	0	0	0	
Non-First Nations	0	2	0	0	10	0	0	0	0	0	
Total	0	7	0	0	36	0	0	0	0	0	43
Percentage of Doses Administered											1.1%
Other											
First Nations	0	0	3	0	0	0	0	0	0	0	
Non-First Nations	0	0	8	0	0	0	0	0	0	0	
Total	0	0	11	0	0	0	0	0	0	0	11
Percentage of Doses Administered											0.3%
Total for 20 - North	181	474	54	376	1,292	22	462	371	83	494	3,809
<b>25 - South Eastman</b>											
Public Health Nurse											
First Nations	4	3	0	6	23	0	6	0	0	0	
Non-First Nations	295	620	8	541	2,373	15	627	25	112	571	
Total	299	623	8	547	2,396	15	633	25	112	571	5,229
Percentage of Doses Administered											60.3%
Physician											
First Nations	0	6	0	2	0	0	0	0	2	2	
Non-First Nations	279	1,535	12	667	8	86	13	30	449	310	
Total	279	1,541	12	669	8	86	13	30	451	312	3,401
Percentage of Doses Administered											39.2%
Other											
Non-First Nations	0	2	37	0	0	0	0	0	0	1	
Total	0	2	37	0	0	0	0	0	0	1	40
Percentage of Doses Administered											0.5%
Total for 25 - South Eastman	578	2,166	57	1,216	2,404	101	646	55	563	884	8,670

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## Childhood Doses Administered Report by Provider Location

**January 1 - December 31, 2004**

Provider	DaPTP	DaPTP/ HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>30 - Interlake</b>											
<b>Public Health Nurse</b>											
First Nations	6	29	0	16	59	0	15	0	4	25	
Non-First Nations	174	482	12	316	2,354	10	776	19	82	504	
<b>Total</b>	<b>180</b>	<b>511</b>	<b>12</b>	<b>332</b>	<b>2,413</b>	<b>10</b>	<b>791</b>	<b>19</b>	<b>86</b>	<b>529</b>	<b>4,883</b>
Percentage of Doses Administered											61.8%
<b>Physician</b>											
First Nations	8	39	0	15	0	0	2	1	9	44	
Non-First Nations	193	869	14	482	42	100	8	45	316	738	
<b>Total</b>	<b>201</b>	<b>908</b>	<b>14</b>	<b>497</b>	<b>42</b>	<b>100</b>	<b>10</b>	<b>46</b>	<b>325</b>	<b>782</b>	<b>2,925</b>
Percentage of Doses Administered											37.0%
<b>First Nation/Tribal Council</b>											
First Nations	2	14	0	4	1	0	1	0	2	0	
Non-First Nations	1	5	0	3	0	0	1	0	1	0	
<b>Total</b>	<b>3</b>	<b>19</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>35</b>
Percentage of Doses Administered											0.4%
<b>Other</b>											
First Nations	0	0	10	0	0	0	0	0	0	0	
Non-First Nations	0	0	51	0	0	0	0	0	0	1	
<b>Total</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>62</b>
Percentage of Doses Administered											0.8%
<b>Total for 30 - Interlake</b>	<b>384</b>	<b>1,438</b>	<b>87</b>	<b>836</b>	<b>2,456</b>	<b>110</b>	<b>803</b>	<b>65</b>	<b>414</b>	<b>1,312</b>	<b>7,905</b>
<b>40 - Central</b>											
<b>Public Health Nurse</b>											
First Nations	22	45	0	36	111	0	19	29	6	28	
Non-First Nations	738	2,589	18	1,585	3,563	25	1,155	1,071	437	1,251	
<b>Total</b>	<b>760</b>	<b>2,634</b>	<b>18</b>	<b>1,621</b>	<b>3,674</b>	<b>25</b>	<b>1,174</b>	<b>1,100</b>	<b>443</b>	<b>1,279</b>	<b>12,728</b>
Percentage of Doses Administered											82.6%
<b>Physician</b>											
First Nations	10	122	1	44	0	1	0	0	15	6	
Non-First Nations	192	972	12	440	3	60	0	34	256	467	
<b>Total</b>	<b>202</b>	<b>1,094</b>	<b>13</b>	<b>484</b>	<b>3</b>	<b>61</b>	<b>0</b>	<b>34</b>	<b>271</b>	<b>473</b>	<b>2,635</b>
Percentage of Doses Administered											17.1%
<b>First Nation/Tribal Council</b>											
First Nations	0	2	0	2	0	0	1	0	0	0	
Non-First Nations	0	0	0	1	1	0	0	0	0	0	
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>
Percentage of Doses Administered											0.0%
<b>Other</b>											
First Nations	0	1	8	2	0	0	0	0	0	0	
Non-First Nations	0	1	21	0	2	0	0	0	0	9	
<b>Total</b>	<b>0</b>	<b>2</b>	<b>29</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>44</b>
Percentage of Doses Administered											0.3%
<b>Total for 40 - Central</b>	<b>962</b>	<b>3,732</b>	<b>60</b>	<b>2,110</b>	<b>3,680</b>	<b>86</b>	<b>1,175</b>	<b>1,134</b>	<b>714</b>	<b>1,761</b>	<b>15,414</b>

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## Childhood Doses Administered Report by Provider Location

**January 1 - December 31, 2004**

Provider	DaPTP	DaPTP/ HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>45 - Assiniboine</b>											
<b>Public Health Nurse</b>											
First Nations	9	23	0	11	55	0	25	0	2	2	
Non-First Nations	598	1,749	14	1,074	2,096	74	805	26	314	995	
Total	607	1,772	14	1,085	2,151	74	830	26	316	997	7,872
Percentage of Doses Administered											92.2%
<b>Physician</b>											
First Nations	0	2	0	1	0	0	0	0	2	3	
Non-First Nations	40	321	8	114	4	10	0	0	27	90	
Total	40	323	8	115	4	10	0	0	29	93	622
Percentage of Doses Administered											7.3%
<b>First Nation/Tribal Council</b>											
First Nations	1	2	0	2	1	0	0	0	1	0	
Total	1	2	0	2	1	0	0	0	1	0	7
Percentage of Doses Administered											0.1%
<b>Other</b>											
First Nations	0	0	1	0	0	0	0	0	0	0	
Non-First Nations	0	0	29	0	0	0	3	1	0	0	
Total	0	0	30	0	0	0	3	1	0	0	34
Percentage of Doses Administered											0.4%
Total for 45 - Assiniboine	648	2,097	52	1,202	2,156	84	833	27	346	1,090	8,535
<b>60 - Parkland</b>											
<b>Public Health Nurse</b>											
First Nations	54	161	1	93	123	19	19	13	31	32	
Non-First Nations	336	1,055	13	644	1,264	152	413	108	216	513	
Total	390	1,216	14	737	1,387	171	432	121	247	545	5,260
Percentage of Doses Administered											86.8%
<b>Physician</b>											
First Nations	1	48	0	9	0	2	0	0	6	6	
Non-First Nations	44	319	1	113	4	15	0	10	68	112	
Total	45	367	1	122	4	17	0	10	74	118	758
Percentage of Doses Administered											12.5%
<b>First Nation/Tribal Council</b>											
First Nations	2	2	0	2	0	0	1	0	0	2	
Non-First Nations	0	0	0	1	1	0	0	0	0	0	
Total	2	2	0	3	1	0	1	0	0	2	11
Percentage of Doses Administered											0.2%
<b>Other</b>											
First Nations	0	0	6	1	0	0	0	0	0	0	
Non-First Nations	0	0	19	0	2	0	5	0	0	0	
Total	0	0	25	1	2	0	5	0	0	0	33
Percentage of Doses Administered											0.5%
Total for 60 - Parkland	437	1,585	40	863	1,394	188	438	131	321	665	6,062

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## Childhood Doses Administered Report by Provider Location

**January 1 - December 31, 2004**

Provider	DaPTP	DaPTP/ HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>70 - Norman</b>											
<b>Public Health Nurse</b>											
First Nations	76	366	19	164	243	8	57	64	47	113	
Non-First Nations	233	885	11	454	840	70	233	274	182	603	
Total	309	1,251	30	618	1,083	78	290	338	229	716	4,942
Percentage of Doses Administered											98.9%
<b>Physician</b>											
Non-First Nations	0	1	0	3	0	1	0	0	1	4	
Total	0	1	0	3	0	1	0	0	1	4	10
Percentage of Doses Administered											0.2%
<b>First Nation/Tribal Council</b>											
First Nations	1	12	0	1	0	0	0	0	1	2	
Non-First Nations	0	10	0	0	1	0	0	0	0	1	
Total	1	22	0	1	1	0	0	0	1	3	29
Percentage of Doses Administered											0.6%
<b>Other</b>											
First Nations	0	0	4	0	0	0	0	0	1	1	
Non-First Nations	0	2	8	1	0	0	0	0	0	0	
Total	0	2	12	1	0	0	0	0	1	1	17
Percentage of Doses Administered											0.3%
Total for 70 - Norman	310	1,276	42	623	1,084	79	290	338	232	724	4,998
<b>80 - Burntwood</b>											
<b>Public Health Nurse</b>											
First Nations	60	241	2	141	221	3	38	62	44	140	
Non-First Nations	192	805	5	388	694	24	94	190	134	467	
Total	252	1,046	7	529	915	27	132	252	178	607	3,945
Percentage of Doses Administered											95.0%
<b>Physician</b>											
First Nations	0	4	0	2	0	0	0	0	0	2	
Non-First Nations	0	22	0	5	3	11	0	0	3	3	
Total	0	26	0	7	3	11	0	0	3	5	55
Percentage of Doses Administered											1.3%
<b>First Nation/Tribal Council</b>											
First Nations	8	42	5	12	10	0	1	0	8	2	
Non-First Nations	2	8	0	2	7	0	0	0	1	0	
Total	10	50	5	14	17	0	1	0	9	2	108
Percentage of Doses Administered											2.6%
<b>Other</b>											
First Nations	0	0	7	2	10	0	0	0	0	0	
Non-First Nations	0	0	11	1	5	2	0	0	0	0	8
Total	0	0	18	3	15	2	0	0	0	0	46
Percentage of Doses Administered											1.1%
Total for 80 - Burntwood	262	1,122	30	553	950	40	133	252	190	622	4,154

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

# Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2004

Provider	DaPTP	DaPTP/HIB	TD	MMR	HBV	V	TDaP	M	P	Flu	Total Doses
<b>90 - Churchill</b>											
Public Health Nurse											
First Nations	2	12	0	7	9	1	1	3	3	5	
Non-First Nations	15	42	1	20	38	10	9	17	16	19	
Total	17	54	1	27	47	11	10	20	19	24	230
Percentage of Doses Administered											100.0%
Total for 90 - Churchill	17	54	1	27	47	11	10	20	19	24	230
<b>95 - Unknown</b>											
Physician											
Non-First Nations	2	18	1	5	1	2	0	0	11	32	
Total	2	18	1	5	1	2	0	0	11	32	72
Percentage of Doses Administered											0.5%
First Nation/Tribal Council											
First Nations	880	3,800	87	1,954	1,989	40	571	46	559	1,101	
Non-First Nations	166	757	22	381	399	11	98	19	115	259	
Total	1,046	4,557	109	2,335	2,388	51	669	65	674	1,360	13,254
Percentage of Doses Administered											96.0%
Other											
First Nations	4	8	0	7	1	0	0	0	0	6	
Non-First Nations	14	47	2	33	6	2	3	1	9	336	
Total	18	55	2	40	7	2	3	1	9	342	479
Percentage of Doses Administered											3.5%
Total for 95 - Unknown	1,066	4,630	112	2,380	2,396	55	672	66	694	1,734	13,805
<b>99 - Non-Manitoba</b>											
Public Health Nurse											
First Nations	0	2	0	2	0	0	0	0	0	0	
Non-First Nations	35	102	18	87	63	12	9	23	38	11	
Total	35	104	18	89	63	12	9	23	38	11	402
Percentage of Doses Administered											52.3%
Other											
First Nations	0	13	0	2	7	0	0	0	1	0	
Non-First Nations	11	98	16	56	115	4	5	11	26	1	
Total	11	111	16	58	122	4	5	11	27	1	366
Percentage of Doses Administered											47.7%
Total for 99 - Non Manitoba	46	215	34	147	185	16	14	34	65	12	768

NOTE: "Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

## 7. Influenza/Pneumococcal Immunization Coverage Reports, January 1, 2004 – December 31, 2004

### 7.1 By Patient Location

- Manitoba
- By RHA

#### Notes:

The population is selected using the client's address.

The “<65 high risk” population estimate (i.e., denominator) is based on a calculation of 11 per cent of the total under-65 population. The same estimate is used for both influenza and pneumococcal high-risk groups, although the target population is not identical. The “<65 high risk” numerator data are those doses identified as such via public health data entry in MIMS. These same doses are also included in the “all <65” doses and coverage calculations.

Influenza coverage reflects doses administered in the 2004 calendar year, data entered by April 4, 2005. Pneumococcal (2004) reflects doses administered in the 2004 calendar year, while pneumococcal (cumulative) reflects doses administered to unique clients from all previous years and including 2004.

Rate per 100 is the calculated coverage rate.

### Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2004

	Influenza						Pneumococcal			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>Patient RHA: MANITOBA</b>												
Non-First Nations												
Count	8,192	11,494	90,311	16,072	109,997	101,564	1,112	3,341	5,559	4,076	23,858	96,729
Population	29,108	214,305	688,184	102,481	931,597	160,925	102,481	931,597	160,925	102,481	931,597	160,925
Rate per 100	28.1	5.4	13.1	15.7	11.8	63.1	1.1	0.4	3.5	4.0	2.6	60.1
First Nations												
Count	651	1,455	5,179	3,028	7,285	1,011	215	330	137	802	1,756	979
Population	4,920	28,293	41,214	8,189	74,427	2,718	8,189	74,427	2,718	8,189	74,427	2,718
Rate per 100	13.2	5.1	12.6	37.0	9.8	37.2	2.6	0.4	5.0	9.8	2.4	36.0
Total												
Count	8,843	12,949	95,490	19,100	117,282	102,575	1,327	3,671	5,696	4,878	25,614	97,708
Population	34,028	242,598	729,398	110,670	1,006,024	163,643	110,670	1,006,024	163,643	110,670	1,006,024	163,643
Rate per 100	26.0	5.3	13.1	17.3	11.7	62.7	1.2	0.4	3.5	4.4	2.5	59.7
<b>Patient RHA: 10 - Winnipeg</b>												
Non-First Nations												
Count	5,482	6,756	53,006	5,158	65,244	60,629	365	1,928	3,431	1,628	14,109	57,998
Population	16,303	118,972	417,191	60,773	552,466	93,849	60,773	552,466	93,849	60,773	552,466	93,849
Rate per 100	33.6	5.7	12.7	8.5	11.8	64.6	0.6	0.3	3.7	2.7	2.6	61.8
First Nations												
Count	258	301	1,184	504	1,743	189	33	114	19	137	543	184
Population	1,128	6,108	9,488	1,839	16,724	404	1,839	16,724	404	1,839	16,724	404
Rate per 100	22.9	4.9	12.5	27.4	10.4	46.8	1.8	0.7	4.7	7.4	3.2	45.5
Total												
Count	5,740	7,057	54,190	5,662	66,987	60,818	398	2,042	3,450	1,765	14,652	58,182
Population	17,431	125,080	426,679	62,612	569,190	94,253	62,612	569,190	94,253	62,612	569,190	94,253
Rate per 100	32.9	5.6	12.7	9.0	11.8	64.5	0.6	0.4	3.7	2.8	2.6	61.7

# Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2004

	Influenza						Pneumococcal			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>Patient RHA: 15 - Brandon</b>												
Non-First Nations												
Count	378	469	4,569	567	5,416	4,831	37	172	268	93	1,059	4,413
Population	1,397	8,912	29,459	4,375	39,768	7,000	4,375	39,768	7,000	4,375	39,768	7,000
Rate per 100	27.1	5.3	15.5	13.0	13.6	69.0	0.8	0.4	3.8	2.1	2.7	63.0
First Nations												
Count	25	23	101	46	149	12	1	1	0	6	21	10
Population	138	725	963	201	1,826	18	201	1,826	18	201	1,826	18
Rate per 100	18.1	3.2	10.5	22.9	8.2	66.7	0.5	0.1	0.0	3.0	1.2	55.6
Total												
Count	403	492	4,670	613	5,565	4,843	38	173	268	99	1,080	4,423
Population	1,535	9,637	30,422	4,576	41,594	7,018	4,576	41,594	7,018	4,576	41,594	7,018
Rate per 100	26.3	5.1	15.4	13.4	13.4	69.0	0.8	0.4	3.8	2.2	2.6	63.0
<b>Patient RHA: 20 - North Eastman</b>												
Non-First Nations												
Count	184	328	2,889	777	3,401	3,084	66	107	136	213	785	2,951
Population	739	6,627	21,272	3,151	28,638	5,111	3,151	28,638	5,111	3,151	28,638	5,111
Rate per 100	24.9	4.9	13.6	24.7	11.9	60.3	2.1	0.4	2.7	6.8	2.7	57.7
First Nations												
Count	49	123	291	166	463	43	8	11	15	50	98	68
Population	377	2,233	3,216	641	5,826	262	641	5,826	262	641	5,826	262
Rate per 100	13.0	5.5	9.0	25.9	7.9	16.4	1.2	0.2	5.7	7.8	1.7	26.0
Total												
Count	233	451	3,180	943	3,864	3,127	74	118	151	263	883	3,019
Population	1,116	8,860	24,488	3,792	34,464	5,373	3,792	34,464	5,373	3,792	34,464	5,373
Rate per 100	20.9	5.1	13.0	24.9	11.2	58.2	2.0	0.3	2.8	6.9	2.6	56.2
<b>Patient RHA: 25 - South Eastman</b>												
Non-First Nations												
Count	382	587	4,149	1,105	5,118	3,643	34	88	141	130	863	3,528
Population	1,962	14,477	35,556	5,719	51,995	6,359	5,719	51,995	6,359	5,719	51,995	6,359
Rate per 100	19.5	4.1	11.7	19.3	9.8	57.3	0.6	0.2	2.2	2.3	1.7	55.5
First Nations												
Count	0	0	9	2	9	4	0	0	0	0	1	2
Population	24	88	145	29	257	7	29	257	7	29	257	7
Rate per 100	0.0	0.0	6.2	6.9	3.5	57.1	0.0	0.0	0.0	0.0	0.4	28.6
Total												
Count	382	587	4,158	1,107	5,127	3,647	34	88	141	130	864	3,530
Population	1,986	14,565	35,701	5,748	52,252	6,366	5,748	52,252	6,366	5,748	52,252	6,366
Rate per 100	19.2	4.0	11.6	19.3	9.8	57.3	0.6	0.2	2.2	2.3	1.7	55.5
<b>Patient RHA: 30 - Interlake</b>												
Non-First Nations												
Count	518	706	6,061	1,587	7,285	6,847	138	305	412	438	2,013	6,803
Population	1,657	13,877	43,350	6,477	58,884	10,949	6,477	58,884	10,949	6,477	58,884	10,949
Rate per 100	31.3	5.1	14.0	24.5	12.4	62.5	2.1	0.5	3.8	6.8	3.4	62.1
First Nations												
Count	46	68	415	241	529	113	13	17	7	55	135	135
Population	323	2,126	3,757	683	6,206	361	683	6,206	361	683	6,206	361
Rate per 100	14.2	3.2	11.0	35.3	8.5	31.3	1.9	0.3	1.9	8.1	2.2	37.4
Total												
Count	564	774	6,476	1,828	7,814	6,960	151	322	419	493	2,148	6,938
Population	1,980	16,003	47,107	7,160	65,090	11,310	7,160	65,090	11,310	7,160	65,090	11,310
Rate per 100	28.5	4.8	13.7	25.5	12.0	61.5	2.1	0.5	3.7	6.9	3.3	61.3

# Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2004

	Influenza						Pneumococcal			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>Patient RHA: 40 - Central</b>												
Non-First Nations												
Count	525	971	6,300	1,214	7,796	7,978	29	137	380	119	1,047	6,590
Population	3,124	21,939	56,086	8,727	81,149	13,409	8,927	81,149	13,409	8,927	81,149	13,409
Rate per 100	16.8	4.4	11.2	13.6	9.6	59.5	0.3	0.2	2.8	1.3	1.3	49.1
First Nations												
Count	30	46	218	66	294	44	14	20	11	20	89	50
Population	349	1,989	2,823	567	5,161	155	567	5,161	155	567	5,161	155
Rate per 100	8.6	2.3	7.7	11.6	5.7	28.4	2.5	0.4	7.1	3.5	1.7	32.3
Total												
Count	555	1,017	6,518	1,280	8,090	8,022	43	157	391	139	1,136	6,640
Population	3,473	23,928	56,909	9,494	86,310	13,564	9,494	86,310	13,564	9,494	86,310	13,564
Rate per 100	16.0	4.3	11.1	13.5	9.4	59.1	0.5	0.2	2.9	1.5	1.3	49.0
<b>Patient RHA: 45 - Assiniboine</b>												
Non-First Nations												
Count	265	623	5,719	2,143	6,607	8,324	156	222	431	611	1,792	8,113
Population	1,562	12,702	38,190	5,771	52,454	13,536	5,771	52,454	13,536	5,771	52,454	13,536
Rate per 100	17.0	4.9	15.0	37.1	12.6	61.5	2.7	0.4	3.2	10.6	3.4	59.9
First Nations												
Count	20	99	394	288	513	78	4	8	3	44	84	63
Population	177	1,149	1,879	354	3,205	176	354	3,205	176	354	3,205	176
Rate per 100	11.3	8.6	21.0	81.4	16.0	44.3	1.1	0.2	1.7	12.4	2.6	35.8
Total												
Count	285	722	6,113	2,431	7,120	8,402	160	230	434	655	1,876	8,176
Population	1,739	13,851	40,069	6,125	55,659	13,712	6,125	55,659	13,712	6,125	55,659	13,712
Rate per 100	16.4	5.2	15.3	39.7	12.8	61.3	2.6	0.4	3.2	10.7	3.4	59.6
<b>Patient RHA: 60 - Parkland</b>												
Non-First Nations												
Count	175	310	3,228	1,284	3,713	4,633	101	182	248	368	1,104	4,719
Population	967	7,265	22,151	3,343	30,383	8,054	3,343	30,383	8,054	3,343	30,383	8,054
Rate per 100	18.1	4.3	14.6	38.4	12.2	57.5	3.0	0.6	3.1	11.0	3.6	58.6
First Nations												
Count	27	91	350	201	468	57	28	34	5	88	156	57
Population	244	1,484	2,113	422	3,841	118	422	3,841	118	422	3,841	118
Rate per 100	11.1	6.1	16.6	47.6	12.2	48.3	6.6	0.9	4.2	20.9	4.1	48.3
Total												
Count	202	401	3,578	1,485	4,181	4,600	129	216	253	456	1,260	4,776
Population	1,211	8,749	24,264	3,765	34,224	8,172	3,765	34,224	8,172	3,765	34,224	8,172
Rate per 100	16.7	4.6	14.7	39.4	12.2	57.4	3.4	0.6	3.1	12.1	3.7	58.4
<b>Patient RHA: 70 - Norman</b>												
Non-First Nations												
Count	146	388	2,366	1,131	2,900	1,218	108	110	78	307	627	1,255
Population	638	4,375	12,351	1,910	17,364	1,903	1,910	17,364	1,903	1,910	17,364	1,903
Rate per 100	22.9	8.9	19.2	59.2	16.7	64.0	5.7	0.6	4.1	16.1	3.6	65.9
First Nations												
Count	73	226	543	316	842	88	12	12	3	58	134	74
Population	403	2,187	2,868	600	5,458	177	600	5,458	177	600	5,458	177
Rate per 100	18.1	10.3	18.9	52.7	15.4	49.7	2.0	0.2	1.7	9.7	2.5	41.8
Total												
Count	219	614	2,909	1,447	3,742	1,306	120	122	81	365	761	1,329
Population	1,041	6,562	15,219	2,510	22,822	2,080	2,510	22,822	2,080	2,510	22,822	2,080
Rate per 100	21.0	9.4	19.1	57.6	16.4	62.8	4.8	0.5	3.9	14.5	3.3	63.9

## Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2004

	Influenza						Pneumococcal			Pneumococcal (Cumulative)		
	0-2 All	3-17 All	18-64 All	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+	<65 High Risk	<65 All	65+
<b>Patient RHA: 80 - Burntwood</b>												
Non-First Nations												
Count	135	344	1,914	1,046	2,393	353	76	88	34	166	434	331
Population	733	4,968	12,034	1,951	17,735	704	1,951	17,735	704	1,951	17,735	704
Rate per 100	18.4	6.9	15.9	53.6	13.5	50.1	3.9	0.5	4.8	8.5	2.4	47.0
First Nations												
Count	122	475	1,657	1,187	2,254	375	102	113	73	344	491	327
Population	1,750	10,154	13,867	2,836	25,771	1,028	2,836	25,771	1,028	2,836	25,771	1,028
Rate per 100	7.0	4.7	11.9	41.9	8.7	36.5	3.6	0.4	7.1	12.1	1.9	31.8
Total												
Count	257	819	3,571	2,233	4,647	728	178	201	107	510	925	658
Population	2,483	15,122	25,901	4,787	43,506	1,732	4,787	43,506	1,732	4,787	43,506	1,732
Rate per 100	10.4	5.4	13.8	46.6	10.7	42.0	3.7	0.5	6.2	10.7	2.1	38.0
<b>Patient RHA: 90 - Churchill</b>												
Non-First Nations												
Count	2	12	110	60	124	24	2	2	0	3	25	28
Population	26	191	544	84	761	51	84	761	51	84	761	51
Rate per 100	7.7	6.3	20.2	71.4	16.3	47.1	2.4	0.3	0.0	3.6	3.3	54.9
First Nations												
Count	1	3	17	11	21	8	0	0	1	0	4	9
Population	7	50	95	17	152	12	17	152	12	17	152	12
Rate per 100	14.3	6.0	17.9	64.7	13.8	66.7	0.0	0.0	8.3	0.0	2.6	75.0
Total												
Count	3	15	127	71	145	32	2	2	1	3	29	37
Population	33	241	639	101	913	63	101	913	63	101	913	63
Rate per 100	9.1	6.2	19.9	70.3	15.9	50.8	2.0	0.2	1.6	3.1	3.2	58.7

## 8. Influenza Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

### Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2004 – December 31, 2004, as entered into MIMS by April 4, 2005.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

### Influenza Doses Administered by Provider Type

**January 1 - December 31, 2004**

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>MANITOBA</b>								
Public Health Nurse								
Non-First Nations	Doses	7,219	43,962	13,432	0	519	1	65,133
	%	3.1	19.2	5.9	0.0	0.2	0.0	28.4
First Nations	Doses	93	1,058	577	0	6	0	1,734
	%	0.0	0.5	0.3	0.0	0.0	0.0	0.8
<b>TOTAL</b>	<b>Doses</b>	<b>7,312</b>	<b>45,020</b>	<b>14,009</b>	<b>0</b>	<b>525</b>	<b>1</b>	<b>66,867</b>
	%	3.2	19.6	6.1	0.0	0.2	0.0	29.2
Physician								
Non-First Nations	Doses	15	410	34	121,292	147	0	121,898
	%	0.0	0.2	0.0	52.9	0.1	0.0	53.2
First Nations	Doses	0	34	3	1,659	2	0	1,698
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
<b>TOTAL</b>	<b>Doses</b>	<b>15</b>	<b>444</b>	<b>37</b>	<b>122,951</b>	<b>149</b>	<b>0</b>	<b>123,596</b>
	%	0.0	0.2	0.0	53.6	0.1	0.0	53.9
First Nation/Tribal Council								
Non-First Nations	Doses	154	490	493	0	60	0	1,197
	%	0.1	0.2	0.2	0.0	0.0	0.0	0.5
First Nations	Doses	379	2,338	1,479	0	344	0	4,540
	%	0.2	1.0	0.6	0.0	0.2	0.0	2.0
<b>TOTAL</b>	<b>Doses</b>	<b>533</b>	<b>2,828</b>	<b>1,972</b>	<b>0</b>	<b>404</b>	<b>0</b>	<b>5,737</b>
	%	0.2	1.2	0.9	0.0	0.2	0.0	2.5
Other								
Non-First Nations	Doses	12,338	10,217	5,676	0	4,197	0	32,428
	%	5.4	4.5	2.5	0.0	1.8	0.0	14.1
First Nations	Doses	72	539	50	0	21	0	682
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.3
<b>TOTAL</b>	<b>Doses</b>	<b>12,410</b>	<b>10,756</b>	<b>5,726</b>	<b>0</b>	<b>4,218</b>	<b>0</b>	<b>33,110</b>
	%	5.4	4.7	2.5	0.0	1.8	0.0	14.4
<b>MANITOBA - Total Doses</b>		<b>20,270</b>	<b>59,048</b>	<b>21,744</b>	<b>122,951</b>	<b>5,296</b>	<b>1</b>	<b>229,310</b>
	%	8.8	25.8	9.5	53.6	2.3	0.0	100.0

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>10 - Winnipeg</b>								
Public Health Nurse								
Non-First Nations	Doses	1,574	10,190	3,236	0	380	0	15,380
	%	1.2	7.7	2.4	0.0	0.3	0.0	11.6
First Nations	Doses	19	163	89	0	1	0	272
	%	0.0	0.1	0.1	0.0	0.0	0.0	0.2
<b>TOTAL</b>	Doses	1,593	10,353	3,325	0	381	0	15,652
	%	1.2	7.8	2.5	0.0	0.3	0.0	11.8
Physician								
Non-First Nations	Doses	15	383	31	95,801	53	0	96,283
	%	0.0	0.3	0.0	72.2	0.0	0.0	72.5
First Nations	Doses	0	34	3	1,287	0	0	1,324
	%	0.0	0.0	0.0	1.0	0.0	0.0	1.0
<b>TOTAL</b>	Doses	15	417	34	97,088	53	0	97,607
	%	0.0	0.3	0.0	73.1	0.0	0.0	73.5
Other								
Non-First Nations	Doses	10,003	7,329	1,638	0	12	0	18,982
	%	7.5	5.5	1.2	0.0	0.0	0.0	14.3
First Nations	Doses	48	414	23	0	0	0	485
	%	0.0	0.3	0.0	0.0	0.0	0.0	0.4
<b>TOTAL</b>	Doses	10,051	7,743	1,661	0	12	0	19,467
	%	7.6	5.8	1.3	0.0	0.0	0.0	14.7
<b>10 - Winnipeg - Total Doses</b>		11,659	18,513	5,020	97,088	446	0	132,726
	%	8.8	13.9	3.8	73.1	0.3	0.0	100.0
<b>15 - Brandon</b>								
Public Health Nurse								
Non-First Nations	Doses	1,178	1,288	912	0	0	1	3,379
	%	10.5	11.5	8.2	0.0	0.0	0.0	30.2
First Nations	Doses	7	54	46	0	0	0	107
	%	0.1	0.5	0.4	0.0	0.0	0.0	1.0
<b>TOTAL</b>	Doses	1,185	1,342	958	0	0	1	3,486
	%	10.6	12.0	8.6	0.0	0.0	0.0	31.2
Physician								
Non-First Nations	Doses	0	4	0	6,956	0	0	6,960
	%	0.0	0.0	0.0	62.2	0.0	0.0	62.3
First Nations	Doses	0	0	0	96	0	0	96
	%	0.0	0.0	0.0	0.9	0.0	0.0	0.9
<b>TOTAL</b>	Doses	0	4	0	7,052	0	0	7,056
	%	0.0	0.0	0.0	63.1	0.0	0.0	63.1
Other								
Non-First Nations	Doses	42	565	11	0	5	0	623
	%	0.4	5.1	0.1	0.0	0.0	0.0	5.6
First Nations	Doses	1	10	0	0	0	0	11
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	Doses	43	575	11	0	5	0	634
	%	0.4	5.1	0.1	0.0	0.0	0.0	5.7
<b>15 - Brandon - Total Doses</b>		1,228	1,921	969	7,052	5	1	11,176
	%	11.0	17.2	8.7	63.1	0.0	0.0	100.0

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>20 - North Eastman</b>								
Public Health Nurse								
Non-First Nations	Doses	311	2,710	980	0	0	0	4,001
	%	5.7	49.3	17.8	0.0	0.0	0.0	72.8
First Nations	Doses	3	42	94	0	0	0	139
	%	0.1	0.8	1.7	0.0	0.0	0.0	2.5
<b>TOTAL</b>	Doses	314	2,752	1,074	0	0	0	4,140
	%	5.7	50.1	19.5	0.0	0.0	0.0	75.3
Physician								
Non-First Nations	Doses	0	0	0	1,081	0	0	1,081
	%	0.0	0.0	0.0	19.7	0.0	0.0	19.7
First Nations	Doses	0	0	0	3	0	0	3
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
<b>TOTAL</b>	Doses	0	0	0	1,084	0	0	1,084
	%	0.0	0.0	0.0	19.7	0.0	0.0	19.7
First Nation/Tribal Council								
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	59	200	4	0	0	0	263
	%	1.1	3.6	0.1	0.0	0.0	0.0	4.8
First Nations	Doses	1	6	0	0	0	0	7
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	Doses	60	206	4	0	0	0	270
	%	1.1	3.7	0.1	0.0	0.0	0.0	4.9
<b>20 - North Eastman - Total</b>		374	2,959	1,078	1,084	0	0	5,495
	%	6.8	53.8	19.6	19.7	0.0	0.0	100.0
<b>25 - South Eastman</b>								
Public Health Nurse								
Non-First Nations	Doses	886	3,457	984	0	0	0	5,327
	%	11.5	45.0	12.8	0.0	0.0	0.0	69.3
First Nations	Doses	0	3	2	0	0	0	5
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	Doses	886	3,460	986	0	0	0	5,332
	%	11.5	45.0	12.8	0.0	0.0	0.0	69.3
Physician								
Non-First Nations	Doses	0	2	0	2,058	0	0	2,060
	%	0.0	0.0	0.0	26.8	0.0	0.0	26.8
First Nations	Doses	0	0	0	3	0	0	3
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	Doses	0	2	0	2,061	0	0	2,063
	%	0.0	0.0	0.0	26.8	0.0	0.0	26.8
Other								
Non-First Nations	Doses	3	282	5	0	0	0	290
	%	0.0	3.7	0.1	0.0	0.0	0.0	3.8
First Nations	Doses	0	4	0	0	0	0	4
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	Doses	3	286	5	0	0	0	294
	%	0.0	3.7	0.1	0.0	0.0	0.0	3.8
<b>25 - South Eastman - Total</b>		889	3,748	991	2,061	0	0	7,689
	%	11.6	48.7	12.9	26.8	0.0	0.0	100.0

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>30 - Interlake</b>								
Public Health Nurse								
Non-First Nations	Doses	443	5,005	995	0	0	0	6,443
	%	3.6	40.8	8.1	0.0	0.0	0.0	52.6
First Nations	Doses	4	104	21	0	0	0	129
	%	0.0	0.8	0.2	0.0	0.0	0.0	1.1
<b>TOTAL</b>	<b>Doses</b>	<b>447</b>	<b>5,109</b>	<b>1,016</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,572</b>
	<b>%</b>	<b>3.6</b>	<b>41.7</b>	<b>8.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>53.6</b>
Physician								
Non-First Nations	Doses	0	1	0	4,623	0	0	4,624
	%	0.0	0.0	0.0	37.7	0.0	0.0	37.7
First Nations	Doses	0	0	0	82	0	0	82
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4,705</b>	<b>0</b>	<b>0</b>	<b>4,706</b>
	<b>%</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>38.4</b>	<b>0.0</b>	<b>0.0</b>	<b>38.4</b>
First Nation/Tribal Council								
Non-First Nations	Doses	3	5	0	0	0	0	8
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
First Nations	Doses	8	14	0	0	0	0	22
	%	0.1	0.1	0.0	0.0	0.0	0.0	0.2
<b>TOTAL</b>	<b>Doses</b>	<b>11</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30</b>
	<b>%</b>	<b>0.1</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>
Other								
Non-First Nations	Doses	481	448	1	0	0	0	930
	%	3.9	3.7	0.0	0.0	0.0	0.0	7.6
First Nations	Doses	1	17	0	0	0	0	18
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	<b>Doses</b>	<b>482</b>	<b>465</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>948</b>
	<b>%</b>	<b>3.9</b>	<b>3.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7.7</b>
<b>30 - Interlake - Total Doses</b>		<b>940</b>	<b>5,594</b>	<b>1,017</b>	<b>4,705</b>	<b>0</b>	<b>0</b>	<b>12,256</b>
	<b>%</b>	<b>7.7</b>	<b>45.6</b>	<b>8.3</b>	<b>38.4</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>
<b>40 - Central</b>								
Public Health Nurse								
Non-First Nations	Doses	395	3,657	1,942	0	0	0	5,994
	%	2.5	23.6	12.5	0.0	0.0	0.0	38.7
First Nations	Doses	4	35	69	0	0	0	108
	%	0.0	0.2	0.4	0.0	0.0	0.0	0.7
<b>TOTAL</b>	<b>Doses</b>	<b>399</b>	<b>3,692</b>	<b>2,011</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,102</b>
	<b>%</b>	<b>2.6</b>	<b>23.8</b>	<b>13.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>39.4</b>
Physician								
Non-First Nations	Doses	0	17	3	6,712	0	0	6,732
	%	0.0	0.1	0.0	43.3	0.0	0.0	43.5
First Nations	Doses	0	0	0	103	0	0	103
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>17</b>	<b>3</b>	<b>6,815</b>	<b>0</b>	<b>0</b>	<b>6,835</b>
	<b>%</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>44.0</b>	<b>0.0</b>	<b>0.0</b>	<b>44.1</b>
First Nation/Tribal Council								
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
Other								
Non-First Nations	Doses	1,228	1,218	51	0	3	0	2,500
	%	7.9	7.9	0.3	0.0	0.0	0.0	16.1
First Nations	Doses	6	49	0	0	0	0	55
	%	0.0	0.3	0.0	0.0	0.0	0.0	0.4
<b>TOTAL</b>	<b>Doses</b>	<b>1,234</b>	<b>1,267</b>	<b>51</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2,555</b>
	<b>%</b>	<b>8.0</b>	<b>8.2</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.5</b>
<b>40 - Central - Total Doses</b>		<b>1,633</b>	<b>4,977</b>	<b>2,065</b>	<b>6,815</b>	<b>3</b>	<b>0</b>	<b>15,493</b>
	<b>%</b>	<b>10.5</b>	<b>32.1</b>	<b>1.3</b>	<b>44.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100.0</b>

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>45 - Assiniboine</b>								
Public Health Nurse								
Non-First Nations	Doses	1,338	9,309	2,098	0	1	0	12,746
	%	9.3	64.5	14.5	0.0	0.0	0.0	88.3
First Nations	Doses	2	25	2	0	0	0	29
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
<b>TOTAL</b>	<b>Doses</b>	<b>1,340</b>	<b>9,334</b>	<b>2,100</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>12,775</b>
	%	9.3	64.6	14.5	0.0	0.0	0.0	88.5
Physician								
Non-First Nations	Doses	0	2	0	1,643	0	0	1,645
	%	0.0	0.0	0.0	11.4	0.0	0.0	11.4
First Nations	Doses	0	0	0	14	0	0	14
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1,657</b>	<b>0</b>	<b>0</b>	<b>1,659</b>
	%	0.0	0.0	0.0	11.5	0.0	0.0	11.5
First Nation/Tribal Council								
First Nations	Doses	0	0	1	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	4	0	0	0	0	0	4
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>Doses</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45 - Assiniboine - Total Doses</b>		<b>1,344</b>	<b>9,336</b>	<b>2,101</b>	<b>1,657</b>	<b>1</b>	<b>0</b>	<b>14,439</b>
	%	9.3	64.7	14.6	11.5	0.0	0.0	100.0
<b>60 - Parkland</b>								
Public Health Nurse								
Non-First Nations	Doses	744	4,779	739	0	1	0	6,263
	%	8.5	54.6	8.4	0.0	0.0	0.0	71.6
First Nations	Doses	9	93	27	0	0	0	129
	%	0.1	1.1	0.3	0.0	0.0	0.0	1.5
<b>TOTAL</b>	<b>Doses</b>	<b>753</b>	<b>4,872</b>	<b>766</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6,392</b>
	%	8.6	55.7	8.8	0.0	0.0	0.0	73.0
Physician								
Non-First Nations	Doses	0	0	0	2,286	0	0	2,286
	%	0.0	0.0	0.0	26.1	0.0	0.0	26.1
First Nations	Doses	0	0	0	60	0	0	60
	%	0.0	0.0	0.0	0.7	0.0	0.0	0.7
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,346</b>	<b>0</b>	<b>0</b>	<b>2,346</b>
	%	0.0	0.0	0.0	26.8	0.0	0.0	26.8
First Nation/Tribal Council								
Non-First Nations	Doses	1	0	1	0	1	0	3
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	1	1	3	0	0	0	5
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>TOTAL</b>	<b>Doses</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>8</b>
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Other								
Non-First Nations	Doses	4	0	0	0	0	0	4
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	<b>Doses</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
<b>60 - Parkland - Total Doses</b>		<b>759</b>	<b>4,874</b>	<b>770</b>	<b>2,346</b>	<b>2</b>	<b>0</b>	<b>8,751</b>
	%	8.7	55.7	8.8	26.8	0.0	0.0	100.0

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>70 - Norman</b>								
Public Health Nurse								
Non-First Nations	Doses	120	2,218	933	0	101	0	3,372
	%	2.8	51.9	21.8	0.0	2.4	0.0	78.9
First Nations	Doses	9	242	86	0	3	0	340
	%	0.2	5.7	2.0	0.0	0.1	0.0	8.0
<b>TOTAL</b>	Doses	129	2,460	1,019	0	104	0	3,712
	%	3.0	57.6	23.8	0.0	2.4	0.0	86.9
Physician								
Non-First Nations	Doses	0	1	0	42	94	0	137
	%	0.0	0.0	0.0	1.0	2.2	0.0	3.2
First Nations	Doses	0	0	0	0	2	0	2
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL</b>	Doses	0	1	0	42	96	0	139
	%	0.0	0.0	0.0	1.0	2.2	0.0	3.3
First Nation/Tribal Council								
Non-First Nations	Doses	0	4	1	0	0	0	5
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
First Nations	Doses	0	5	6	0	0	0	11
	%	0.0	0.1	0.1	0.0	0.0	0.0	0.3
<b>TOTAL</b>	Doses	0	9	7	0	0	0	16
	%	0.0	0.2	0.2	0.0	0.0	0.0	0.4
Other								
Non-First Nations	Doses	287	99	2	0	0	0	388
	%	6.7	2.3	0.0	0.0	0.0	0.0	9.1
First Nations	Doses	6	13	0	0	0	0	19
	%	0.1	0.3	0.0	0.0	0.0	0.0	0.4
<b>TOTAL</b>	Doses	293	112	2	0	0	0	407
	%	6.9	2.6	0.0	0.0	0.0	0.0	9.5
<b>70 - Norman - Total Doses</b>		422	2,582	1,028	42	200	0	4,274
	%	9.9	60.4	24.1	1.0	4.7	0.0	100.0
<b>80 - Burntwood</b>								
Public Health Nurse								
Non-First Nations	Doses	184	1,218	583	0	36	0	2,021
	%	6.7	44.1	21.1	0.0	1.3	0.0	73.1
First Nations	Doses	30	273	137	0	2	0	442
	%	1.1	9.9	5.0	0.0	0.1	0.0	16.0
<b>TOTAL</b>	Doses	214	1,491	720	0	38	0	2,463
	%	7.7	53.9	26.0	0.0	1.4	0.0	89.1
Physician								
Non-First Nations	Doses	0	0	0	57	0	0	57
	%	0.0	0.0	0.0	2.1	0.0	0.0	2.1
First Nations	Doses	0	0	0	11	0	0	11
	%	0.0	0.0	0.0	0.4	0.0	0.0	0.4
<b>TOTAL</b>	Doses	0	0	0	68	0	0	68
	%	0.0	0.0	0.0	2.5	0.0	0.0	2.5
First Nation/Tribal Council								
Non-First Nations	Doses	1	4	0	0	0	0	5
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.2
First Nations	Doses	3	11	8	0	2	0	24
	%	0.1	0.4	0.3	0.0	0.1	0.0	0.9
<b>TOTAL</b>	Doses	4	15	8	0	2	0	29
	%	0.1	0.5	0.3	0.0	0.1	0.0	1.0
Other								
Non-First Nations	Doses	167	11	1	0	9	0	188
	%	6.0	0.4	0.0	0.0	0.3	0.0	6.8
First Nations	Doses	8	8	0	0	0	0	16
	%	0.3	0.3	0.0	0.0	0.0	0.0	0.6
<b>TOTAL</b>	Doses	175	19	1	0	9	0	204
	%	6.3	0.7	0.0	0.0	0.3	0.0	7.4
<b>80 - Burntwood - Total Doses</b>		393	1,525	729	68	49	0	2,764
	%	14.2	55.2	26.4	2.5	1.8	0.0	100.0

## Influenza Doses Administered by Provider Type

January 1 - December 31, 2004

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>90 - Churchill</b>								
Public Health Nurse								
Non-First Nations	Doses	46	91	30	0	0	0	167
	%	22.9	45.3	14.9	0.0	0.0	0.0	83.1
First Nations	Doses	6	24	4	0	0	0	34
	%	3.0	11.9	2.0	0.0	0.0	0.0	16.9
<b>TOTAL</b>	<b>Doses</b>	<b>52</b>	<b>115</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>201</b>
90 - Churchill - Total Doses		52	115	34	0	0	0	201
		%	25.9	57.2	16.9	0.0	0.0	100.0
<b>95 - Unknown</b>								
Physician								
Non-First Nations	Doses	0	0	0	33	0	0	33
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>33</b>
First Nation/Tribal Council								
Non-First Nations	Doses	149	477	491	0	59	0	1,176
	%	1.1	3.4	3.5	0.0	0.4	0.0	8.4
First Nations	Doses	367	2,305	1,461	0	342	0	4,475
	%	2.6	16.5	10.5	0.0	2.4	0.0	32.0
<b>TOTAL</b>	<b>Doses</b>	<b>516</b>	<b>2,782</b>	<b>1,952</b>	<b>0</b>	<b>401</b>	<b>0</b>	<b>5,651</b>
Other								
Non-First Nations	Doses	53	61	3,950	0	4,164	0	8,228
	%	0.4	0.4	28.3	0.0	29.8	0.0	58.9
First Nations	Doses	1	17	27	0	21	0	66
	%	0.0	0.1	0.2	0.0	0.2	0.0	0.5
<b>TOTAL</b>	<b>Doses</b>	<b>54</b>	<b>78</b>	<b>3,977</b>	<b>0</b>	<b>4,185</b>	<b>0</b>	<b>8,294</b>
95 - Unknown - Total Doses		570	2,860	5,929	33	4,586	0	13,978
		%	4.1	20.5	42.4	0.2	32.8	100.0
<b>99 - Non-Manitoba</b>								
Public Health Nurse								
Non-First Nations	Doses	0	40	0	0	0	0	40
	%	0.0	58.8	0.0	0.0	0.0	0.0	58.8
<b>TOTAL</b>	<b>Doses</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>40</b>
Other								
Non-First Nations	Doses	7	4	13	0	4	0	28
	%	10.3	5.9	19.1	0.0	5.9	0.0	41.2
<b>TOTAL</b>	<b>Doses</b>	<b>7</b>	<b>4</b>	<b>13</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>28</b>
99 - Non Manitoba - Total		7	44	13	0	4	0	68
		%	10.3	64.7	19.1	0.0	5.9	100.0



## 9. Pneumococcal Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

**Notes:**

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2004 – December 31, 2004, as entered into MIMS by April 4, 2005.

“First Nations/Tribal” provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

“Other providers” include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

### Pneumococcal Doses Administered by Provider Type

January 1 - December 31, 2004

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>MANITOBA</b>						
Public Health Nurse						
Non-First Nations	Doses	2,397	0	0	0	2,397
	%	25.4	0.0	0.0	0.0	25.4
First Nations	Doses	66	0	0	0	66
	%	0.7	0.0	0.0	0.0	0.7
<b>TOTAL</b>	Doses	<b>2,463</b>	0	0	0	<b>2,463</b>
	%	26.1	0.0	0.0	0.0	26.1
Physician						
Non-First Nations	Doses	6	5,760	0	0	5,766
	%	0.1	61.1	0.0	0.0	61.2
First Nations	Doses	1	122	0	0	123
	%	0.0	1.3	0.0	0.0	1.3
<b>TOTAL</b>	Doses	<b>7</b>	<b>5,882</b>	0	0	<b>5,889</b>
	%	0.1	62.4	0.0	0.0	62.5
First Nation/Tribal Council						
Non-First Nations	Doses	36	0	14	0	50
	%	0.4	0.0	0.1	0.0	0.5
First Nations	Doses	231	0	12	0	243
	%	2.5	0.0	0.1	0.0	2.6
<b>TOTAL</b>	Doses	<b>267</b>	0	<b>26</b>	0	<b>293</b>
	%	2.8	0.0	0.3	0.0	3.1
Other						
Non-First Nations	Doses	734	0	4	0	738
	%	7.8	0.0	0.0	0.0	7.8
First Nations	Doses	43	0	0	0	43
	%	0.5	0.0	0.0	0.0	0.5
<b>TOTAL</b>	Doses	<b>777</b>	0	<b>4</b>	0	<b>781</b>
	%	8.2	0.0	0.0	0.0	8.3
<b>MANITOBA - Total Doses</b>		<b>3,514</b>	<b>5,882</b>	<b>30</b>	<b>0</b>	<b>9,426</b>
	%	37.3	62.4	0.3	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

January 1 - December 31, 2004

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>10 - Winnipeg</b>						
Public Health Nurse						
Non-First Nations	Doses %	754 13.3	0 0.0	0 0.0	0 0.0	754 13.3
First Nations	Doses %	23 0.4	0 0.0	0 0.0	0 0.0	23 0.4
<b>TOTAL</b>	Doses %	<b>777 13.7</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>777 13.7</b>
Physician						
Non-First Nations	Doses %	1 0.0	4,166 73.7	0 0.0	0 0.0	4,167 73.7
First Nations	Doses %	1 0.0	97 1.7	0 0.0	0 0.0	98 1.7
<b>TOTAL</b>	Doses %	<b>2 0.0</b>	<b>4,263 75.4</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>4,265 75.4</b>
Other						
Non-First Nations	Doses %	582 10.3	0 0.0	0 0.0	0 0.0	582 10.3
First Nations	Doses %	32 0.6	0 0.0	0 0.0	0 0.0	32 0.6
<b>TOTAL</b>	Doses %	<b>614 10.9</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>614 10.9</b>
<b>10 - Winnipeg - Total Doses</b>		<b>1,393</b>	<b>4,263</b>	<b>0</b>	<b>0</b>	<b>5,656</b>
	%	24.6	75.4	0.0	0.0	100.0
<b>15 - Brandon</b>						
Public Health Nurse						
Non-First Nations	Doses %	63 13.3	0 0.0	0 0.0	0 0.0	63 13.3
First Nations	Doses %	1 0.2	0 0.0	0 0.0	0 0.0	1 0.2
<b>TOTAL</b>	Doses %	<b>64 13.6</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>64 13.6</b>
Physician						
Non-First Nations	Doses %	0 0.0	378 80.1	0 0.0	0 0.0	378 80.1
First Nations	Doses %	0 0.0	1 0.2	0 0.0	0 0.0	1 0.2
<b>TOTAL</b>	Doses %	<b>0 0.0</b>	<b>379 80.3</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>379 80.3</b>
Other						
Non-First Nations	Doses %	26 5.5	0 0.0	0 0.0	0 0.0	26 5.5
First Nations	Doses %	3 0.6	0 0.0	0 0.0	0 0.0	3 0.6
<b>TOTAL</b>	Doses %	<b>29 6.1</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>0 0.0</b>	<b>29 6.1</b>
<b>15 - Brandon - Total Doses</b>		<b>93</b>	<b>379</b>	<b>0</b>	<b>0</b>	<b>472</b>
	%	19.7	80.3	0.0	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

January 1 - December 31, 2004

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>20 - North Eastman</b>						
Public Health Nurse						
Non-First Nations	Doses	159	0	0	0	159
	%	80.3	0.0	0.0	0.0	80.3
First Nations	Doses	11	0	0	0	11
	%	5.6	0.0	0.0	0.0	5.6
<b>TOTAL</b>	Doses	170	0	0	0	170
	%	85.9	0.0	0.0	0.0	85.9
Physician						
Non-First Nations	Doses	0	15	0	0	15
	%	0.0	7.6	0.0	0.0	7.6
<b>TOTAL</b>	Doses	0	15	0	0	15
	%	0.0	7.6	0.0	0.0	7.6
Other						
Non-First Nations	Doses	13	0	0	0	13
	%	6.6	0.0	0.0	0.0	6.6
<b>TOTAL</b>	Doses	13	0	0	0	13
	%	6.6	0.0	0.0	0.0	6.6
<b>20 - North Eastman - Total</b>		183	15	0	0	198
	%	92.4	7.6	0.0	0.0	100.0
<b>25 - South Eastman</b>						
Public Health Nurse						
Non-First Nations	Doses	62	0	0	0	62
	%	34.8	0.0	0.0	0.0	34.8
<b>TOTAL</b>	Doses	62	0	0	0	62
	%	34.8	0.0	0.0	0.0	34.8
Physician						
Non-First Nations	Doses	0	101	0	0	101
	%	0.0	56.7	0.0	0.0	56.7
<b>TOTAL</b>	Doses	0	101	0	0	101
	%	0.0	56.7	0.0	0.0	56.7
Other						
Non-First Nations	Doses	15	0	0	0	15
	%	8.4	0.0	0.0	0.0	8.4
<b>TOTAL</b>	Doses	15	0	0	0	15
	%	8.4	0.0	0.0	0.0	8.4
<b>25 - South Eastman - Total</b>		77	101	0	0	178
	%	43.3	56.7	0.0	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

January 1 - December 31, 2004

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>30 - Interlake</b>						
Public Health Nurse						
Non-First Nations	Doses	304	0	0	0	304
	%	41.0	0.0	0.0	0.0	41.0
First Nations	Doses	5	0	0	0	5
	%	0.7	0.0	0.0	0.0	0.7
<b>TOTAL</b>	Doses	309	0	0	0	309
	%	41.6	0.0	0.0	0.0	41.6
Physician						
Non-First Nations	Doses	0	369	0	0	369
	%	0.0	49.7	0.0	0.0	49.7
First Nations	Doses	0	8	0	0	8
	%	0.0	1.1	0.0	0.0	1.1
<b>TOTAL</b>	Doses	0	377	0	0	377
	%	0.0	50.8	0.0	0.0	50.8
First Nation/Tribal Council						
First Nations	Doses	2	0	0	0	2
	%	0.3	0.0	0.0	0.0	0.3
<b>TOTAL</b>	Doses	2	0	0	0	2
	%	0.3	0.0	0.0	0.0	0.3
Other						
Non-First Nations	Doses	53	0	0	0	53
	%	7.1	0.0	0.0	0.0	7.1
First Nations	Doses	1	0	0	0	1
	%	0.1	0.0	0.0	0.0	0.1
<b>TOTAL</b>	Doses	54	0	0	0	54
	%	7.3	0.0	0.0	0.0	7.3
<b>30 - Interlake - Total Doses</b>		365	377	0	0	742
	%	49.2	50.8	0.0	0.0	100.0
<b>40 - Central</b>						
Public Health Nurse						
Non-First Nations	Doses	11	0	0	0	11
	%	2.2	0.0	0.0	0.0	2.2
<b>TOTAL</b>	Doses	11	0	0	0	11
	%	2.2	0.0	0.0	0.0	2.2
Physician						
Non-First Nations	Doses	4	458	0	0	462
	%	0.8	90.0	0.0	0.0	90.8
First Nations	Doses	0	8	0	0	8
	%	0.0	1.6	0.0	0.0	1.6
<b>TOTAL</b>	Doses	4	466	0	0	470
	%	0.8	91.6	0.0	0.0	92.3
Other						
Non-First Nations	Doses	28	0	0	0	28
	%	5.5	0.0	0.0	0.0	5.5
<b>TOTAL</b>	Doses	28	0	0	0	28
	%	5.5	0.0	0.0	0.0	5.5
<b>40 - Central - Total Doses</b>		43	466	0	0	509
	%	8.4	91.6	0.0	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

**January 1 - December 31, 2004**

		<b>High Risk</b>	<b>No Reason</b>	<b>No Risk</b>	<b>Outbreak Immunization</b>	<b>Total Doses</b>
<b>45 - Assiniboine</b>						
Public Health Nurse						
Non-First Nations	Doses	507	0	0	0	507
	%	81.0	0.0	0.0	0.0	81.0
First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
TOTAL	Doses	508	0	0	0	508
	%	81.2	0.0	0.0	0.0	81.2
Physician						
Non-First Nations	Doses	1	113	0	0	114
	%	0.2	18.1	0.0	0.0	18.2
First Nations	Doses	0	3	0	0	3
	%	0.0	0.5	0.0	0.0	0.5
TOTAL	Doses	1	116	0	0	117
	%	0.2	18.5	0.0	0.0	18.7
Other						
Non-First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
TOTAL	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
45 - Assiniboine - Total Doses		510	116	0	0	626
	%	81.5	18.5	0.0	0.0	100.0
<b>60 - Parkland</b>						
Public Health Nurse						
Non-First Nations	Doses	259	0	0	0	259
	%	60.8	0.0	0.0	0.0	60.8
First Nations	Doses	5	0	0	0	5
	%	1.2	0.0	0.0	0.0	1.2
TOTAL	Doses	264	0	0	0	264
	%	62.0	0.0	0.0	0.0	62.0
Physician						
Non-First Nations	Doses	0	156	0	0	156
	%	0.0	36.6	0.0	0.0	36.6
First Nations	Doses	0	5	0	0	5
	%	0.0	1.2	0.0	0.0	1.2
TOTAL	Doses	0	161	0	0	161
	%	0.0	37.8	0.0	0.0	37.8
Other						
First Nations	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
TOTAL	Doses	1	0	0	0	1
	%	0.2	0.0	0.0	0.0	0.2
60 - Parkland - Total Doses		265	161	0	0	426
	%	62.2	37.8	0.0	0.0	100.0
<b>70 - Norman</b>						
Public Health Nurse						
Non-First Nations	Doses	178	0	0	0	178
	%	90.4	0.0	0.0	0.0	90.4
First Nations	Doses	4	0	0	0	4
	%	2.0	0.0	0.0	0.0	2.0
TOTAL	Doses	182	0	0	0	182
	%	92.4	0.0	0.0	0.0	92.4
Other						
Non-First Nations	Doses	10	0	0	0	10
	%	5.1	0.0	0.0	0.0	5.1
First Nations	Doses	5	0	0	0	5
	%	2.5	0.0	0.0	0.0	2.5
TOTAL	Doses	15	0	0	0	15
	%	7.6	0.0	0.0	0.0	7.6
70 - Norman - Total Doses		197	0	0	0	197
	%	100.0	0.0	0.0	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

**January 1 - December 31, 2004**

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
<b>80 - Burntwood</b>						
Public Health Nurse						
Non-First Nations	Doses	95	0	0	0	95
	%	79.8	0.0	0.0	0.0	79.8
First Nations	Doses	16	0	0	0	16
	%	13.4	0.0	0.0	0.0	13.4
<b>TOTAL</b>	Doses	111	0	0	0	111
	%	93.3	0.0	0.0	0.0	93.3
Physician						
Non-First Nations	Doses	0	3	0	0	3
	%	0.0	2.5	0.0	0.0	2.5
<b>TOTAL</b>	Doses	0	3	0	0	3
	%	0.0	2.5	0.0	0.0	2.5
First Nation/Tribal Council						
First Nations	Doses	0	0	2	0	2
	%	0.0	0.0	1.7	0.0	1.7
<b>TOTAL</b>	Doses	0	0	2	0	2
	%	0.0	0.0	1.7	0.0	1.7
Other						
Non-First Nations	Doses	2	0	0	0	2
	%	1.7	0.0	0.0	0.0	1.7
First Nations	Doses	1	0	0	0	1
	%	0.8	0.0	0.0	0.0	0.8
<b>TOTAL</b>	Doses	3	0	0	0	3
	%	2.5	0.0	0.0	0.0	2.5
<b>80 - Burntwood - Total Doses</b>		114	3	2	0	119
	%	95.8	2.5	1.7	0.0	100.0
<b>90 - Churchill</b>						
Public Health Nurse						
Non-First Nations	Doses	2	0	0	0	2
	%	100.0	0.0	0.0	0.0	100.0
<b>TOTAL</b>	Doses	2	0	0	0	2
	%	100.0	0.0	0.0	0.0	100.0
<b>90 - Churchill - Total Doses</b>		2	0	0	0	2
	%	100.0	0.0	0.0	0.0	100.0
<b>95 - Unknown</b>						
Physician						
Non-First Nations	Doses	0	1	0	0	1
	%	0.0	0.3	0.0	0.0	0.3
<b>TOTAL</b>	Doses	0	1	0	0	1
	%	0.0	0.3	0.0	0.0	0.3
First Nation/Tribal Council						
Non-First Nations	Doses	36	0	14	0	50
	%	12.1	0.0	4.7	0.0	16.8
First Nations	Doses	229	0	10	0	239
	%	77.1	0.0	3.4	0.0	80.5
<b>TOTAL</b>	Doses	265	0	24	0	289
	%	89.2	0.0	8.1	0.0	97.3
Other						
Non-First Nations	Doses	3	0	4	0	7
	%	1.0	0.0	1.3	0.0	2.4
<b>TOTAL</b>	Doses	3	0	4	0	7
	%	1.0	0.0	1.3	0.0	2.4
<b>95 - Unknown - Total Doses</b>		268	1	28	0	297
	%	90.2	0.3	9.4	0.0	100.0

## Pneumococcal Doses Administered by Provider Type

January 1 - December 31, 2004

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
99 - Non Manitoba						
Public Health Nurse						
Non-First Nations	Doses %	3 75.0	0 0.0	0 0.0	0 0.0	3 75.0
TOTAL	Doses %	3 75.0	0 0.0	0 0.0	0 0.0	3 75.0
Other						
Non-First Nations	Doses %	1 25.0	0 0.0	0 0.0	0 0.0	1 25.0
TOTAL	Doses %	1 25.0	0 0.0	0 0.0	0 0.0	1 25.0
99 - Non Manitoba - Total	%	4 100.0	0 0.0	0 0.0	0 0.0	4 100.0